

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013202.D
 Acq On : 24 Oct 2019 11:08
 Operator : JC/SP
 Sample : VX1025WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:53:31 PM

Quant Time: Oct 25 01:52:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	93896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	134839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	139310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91480	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	92829	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	5.48	113	73799	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	8.71	98	271787	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	107109	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	34524	18.222	ug/l	97
3) Chloromethane	1.32	50	28675	18.996	ug/l	98
4) Vinyl Chloride	1.40	62	30106	17.657	ug/l	97
5) Bromomethane	1.64	94	20629	22.826	ug/l	96
6) Chloroethane	1.72	64	19867	19.248	ug/l	98
7) Trichlorofluoromethane	1.92	101	51933	19.485	ug/l	96
8) Diethyl Ether	2.18	74	17679	19.158	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31148	18.693	ug/l	97
10) Methyl Iodide	2.50	142	30622	17.094	ug/l	98
11) Tert butyl alcohol	3.03	59	40791	95.084	ug/l	99
12) 1,1-Dichloroethene	2.37	96	29889	18.686	ug/l	98
13) Acrolein	2.28	56	17575	76.275	ug/l	98
14) Allyl chloride	2.72	41	45299	17.989	ug/l	99
15) Acrylonitrile	3.13	53	78437	90.612	ug/l	100
16) Acetone	2.43	43	90785	98.122	ug/l	97
17) Carbon Disulfide	2.56	76	74121	17.236	ug/l	99
18) Methyl Acetate	2.76	43	37836	19.334	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	104659	18.581	ug/l	100
20) Methylene Chloride	2.85	84	33398	19.480	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	32353	19.731	ug/l	90
22) Diisopropyl ether	3.84	45	90326	18.345	ug/l #	87
23) Vinyl Acetate	3.80	43	392908	93.886	ug/l	99
24) 1,1-Dichloroethane	3.69	63	55905	18.459	ug/l	99
25) 2-Butanone	4.65	43	116012	93.496	ug/l	97
26) 2,2-Dichloropropane	4.57	77	52201	18.650	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	35594	18.170	ug/l	99
28) Bromochloromethane	5.00	49	15225	19.496	ug/l	100
29) Tetrahydrofuran	5.11	42	67192	89.838	ug/l	99
30) Chloroform	5.20	83	60525	18.770	ug/l	98
31) Cyclohexane	5.57	56	48556	19.118	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	54656	19.064	ug/l	99
36) 1,1-Dichloropropene	5.79	75	42547	18.802	ug/l	98
37) Ethyl Acetate	4.82	43	40156	17.871	ug/l	99
38) Carbon Tetrachloride	5.78	117	46302	18.578	ug/l	97

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Quant Time: Oct 25 01:52:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	54676	18.941	ug/l	99
40) Benzene	6.13	78	126252	18.641	ug/l	100
41) Methacrylonitrile	5.03	41	22614	18.772	ug/l	98
42) 1,2-Dichloroethane	6.18	62	48456	18.976	ug/l	98
43) Isopropyl Acetate	6.43	43	69060	18.511	ug/l	99
44) Trichloroethene	7.20	130	35504	18.470	ug/l	97
45) 1,2-Dichloropropane	7.51	63	31048	18.303	ug/l	98
46) Dibromomethane	7.65	93	23172	18.960	ug/l	96
47) Bromodichloromethane	7.89	83	45822	19.239	ug/l	99
48) Methyl methacrylate	7.76	41	32837	17.808	ug/l	99
49) 1,4-Dioxane	7.73	88	17800	379.290	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	209910	92.310	ug/l	98
52) Toluene	8.78	92	81335	18.121	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	48333	19.096	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	52513	18.966	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	34129	19.232	ug/l	97
56) Ethyl methacrylate	9.17	69	49699	18.608	ug/l	99
57) 1,3-Dichloropropane	9.37	76	55053	18.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	101540	97.433	ug/l	99
59) 2-Hexanone	9.48	43	162100	92.542	ug/l	98
60) Dibromochloromethane	9.57	129	34877	18.756	ug/l	98
61) 1,2-Dibromoethane	9.67	107	35669	18.934	ug/l	100
64) Tetrachloroethene	9.33	164	35916	19.728	ug/l	97
65) Chlorobenzene	10.14	112	88573	18.163	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	33406	18.543	ug/l	98
67) Ethyl Benzene	10.25	91	160560	18.391	ug/l	98
68) m/p-Xylenes	10.35	106	120105	36.403	ug/l	100
69) o-Xylene	10.70	106	57697	18.230	ug/l	100
70) Styrene	10.71	104	100242	18.394	ug/l	100
71) Bromoform	10.85	173	24409	18.543	ug/l #	99
73) Isopropylbenzene	11.01	105	161268	19.413	ug/l	99
74) N-amyl acetate	10.89	43	56168	18.422	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	47845	18.968	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	46083m	20.901	ug/l	
77) Bromobenzene	11.25	156	38109	19.140	ug/l	98
78) n-propylbenzene	11.35	91	173493	19.226	ug/l	99
79) 2-Chlorotoluene	11.42	91	106118	18.613	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	128959	18.677	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	15045	18.751	ug/l	98
82) 4-Chlorotoluene	11.51	91	123272	19.082	ug/l	99
83) tert-Butylbenzene	11.76	119	123816	18.124	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	136662	19.622	ug/l	98
85) sec-Butylbenzene	11.94	105	154401	19.861	ug/l	100
86) p-Isopropyltoluene	12.06	119	140229	19.200	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	67240	18.694	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	70389	19.220	ug/l	97
89) n-Butylbenzene	12.38	91	117188	19.614	ug/l	99
90) Hexachloroethane	12.59	117	22825	18.662	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	68232	19.291	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11329	18.061	ug/l	97

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Instrument :
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ClientSampleId :
VX1025WBS01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43683	19.613	ug/l	95
94) Hexachlorobutadiene	13.78	225	21493	18.655	ug/l	97
95) Naphthalene	13.83	128	131206	19.194	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	43214	19.635	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

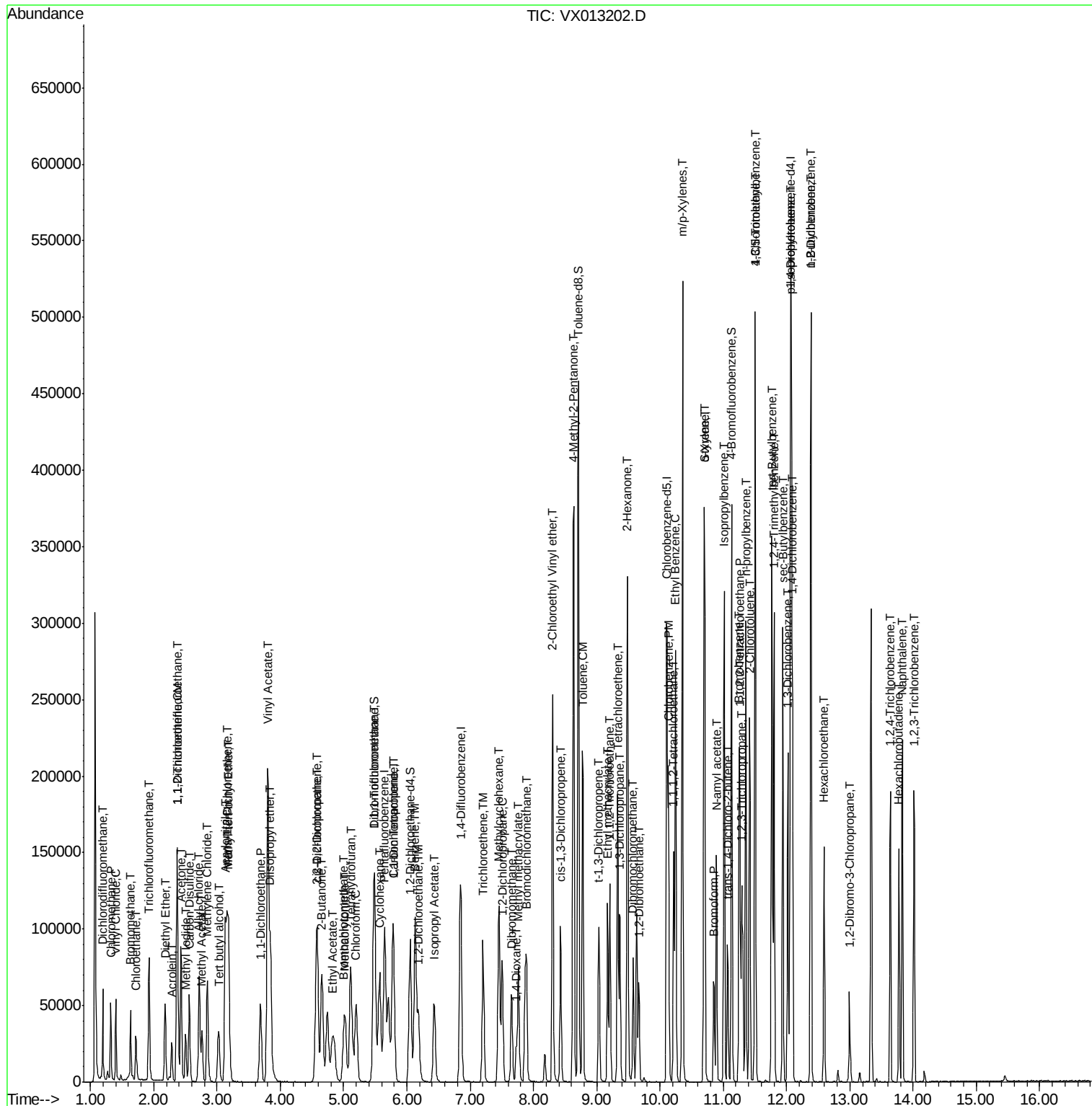
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 Data File : VX013202.D
 Acq On : 24 Oct 2019 11:08
 Operator : JC/SP
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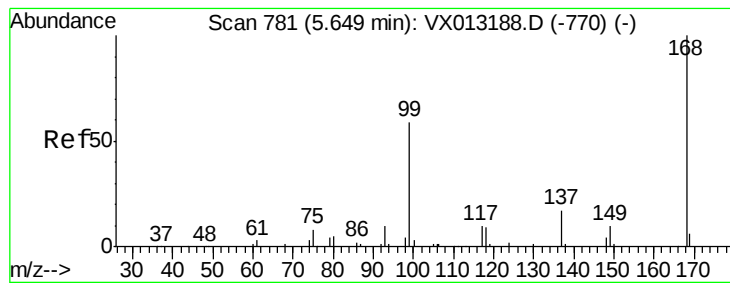
Instrument :
 MSVOA_X
 Client Sampled :
 VX1025WBS01

Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion:168 Resp: 93896

Ion Ratio Lower Upper

168 100

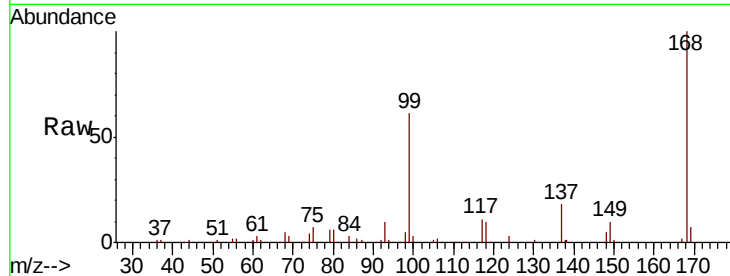
99 60.5 47.0 70.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

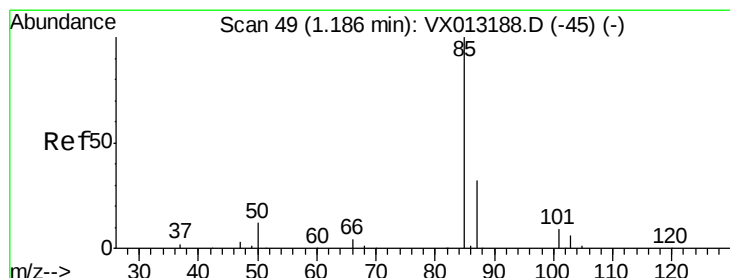
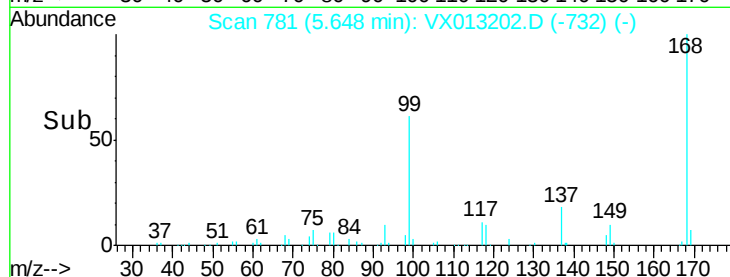
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.222 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013202.D

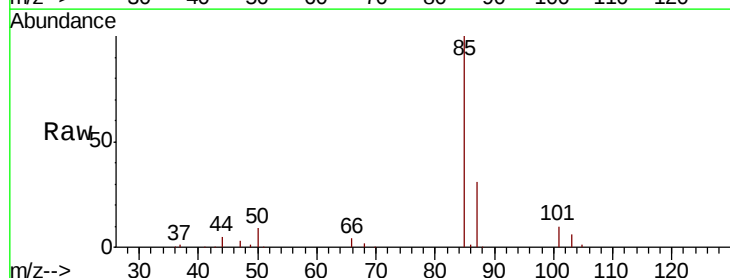
Acq: 24 Oct 2019 11:08

Tgt Ion: 85 Resp: 34524

Ion Ratio Lower Upper

85 100

87 30.9 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

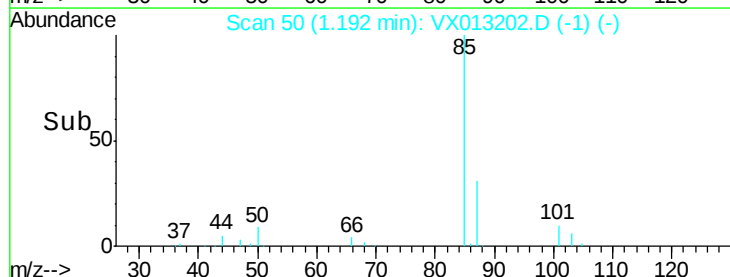
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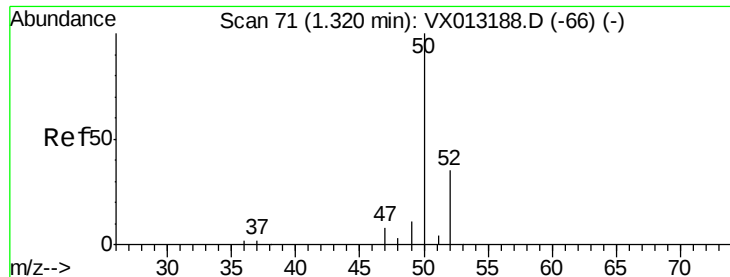
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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.996 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 50 Resp: 28675

Ion Ratio Lower Upper

50 100

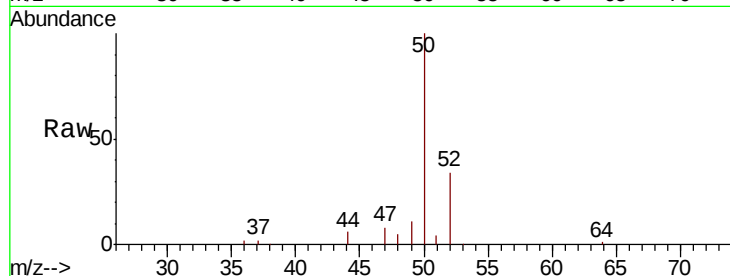
52 33.7 27.8 41.6

Manual Integrations

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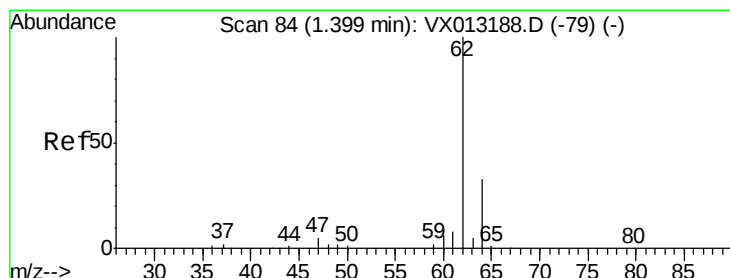
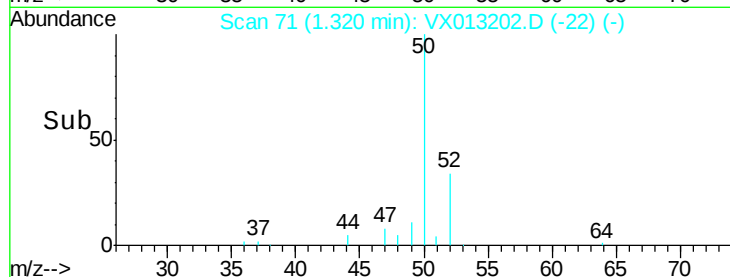
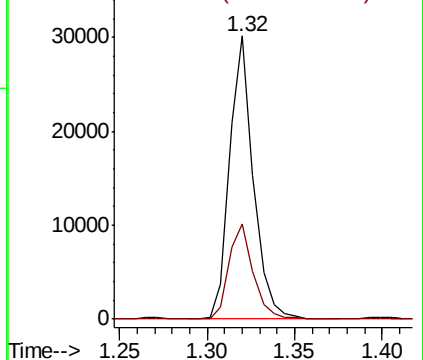
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.657 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013202.D

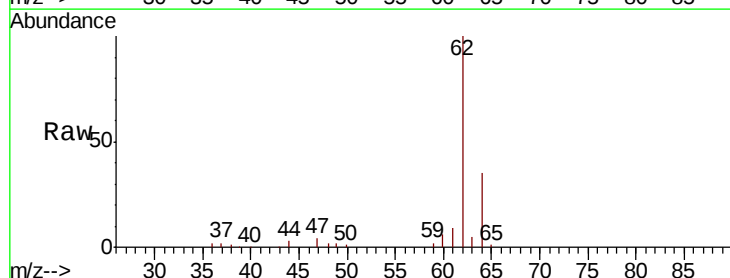
Acq: 24 Oct 2019 11:08

Tgt Ion: 62 Resp: 30106

Ion Ratio Lower Upper

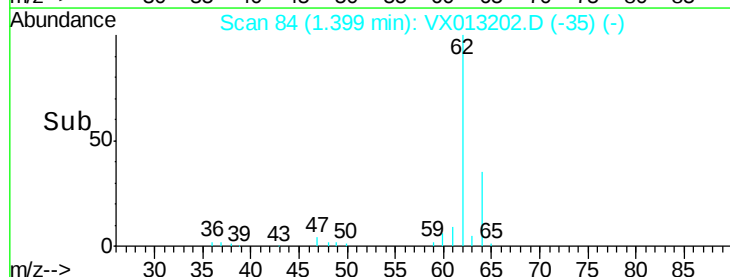
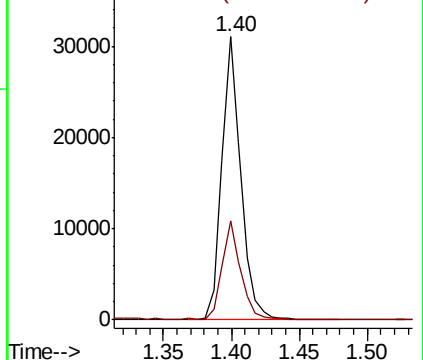
62 100

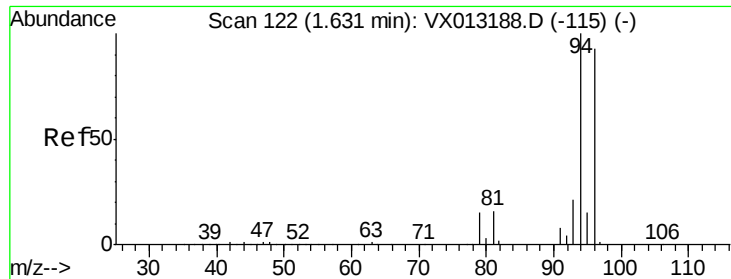
64 34.8 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





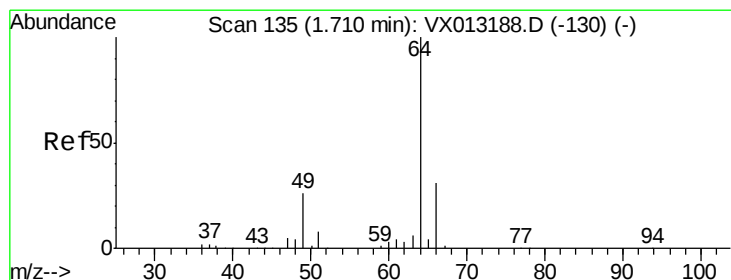
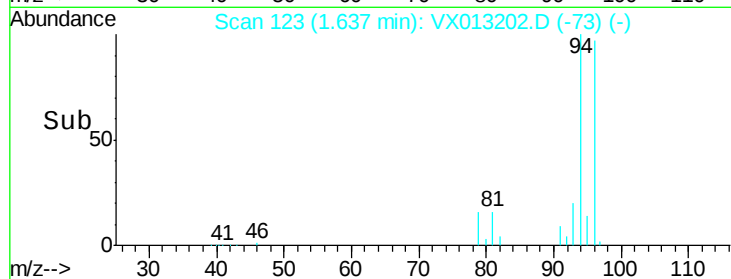
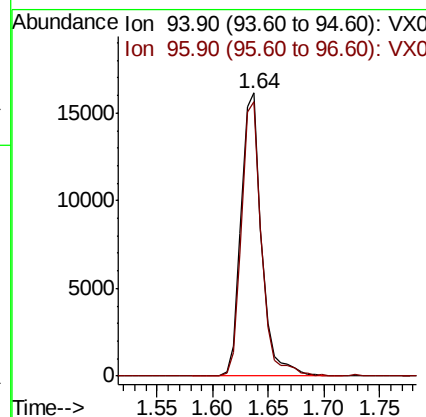
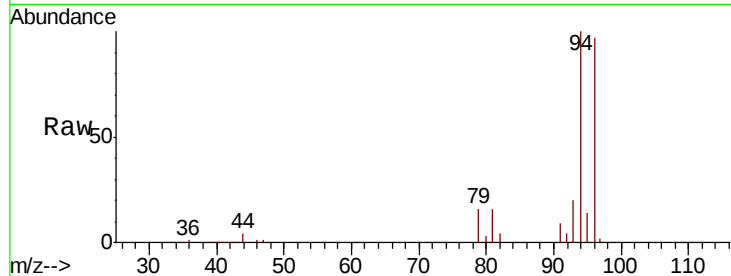
#5
 Bromomethane
 Concen: 22.826 ug/l
 RT: 1.64 min Scan# 123
 Delta R.T. 0.01 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		20629		
96	96.8	74.2	111.2		

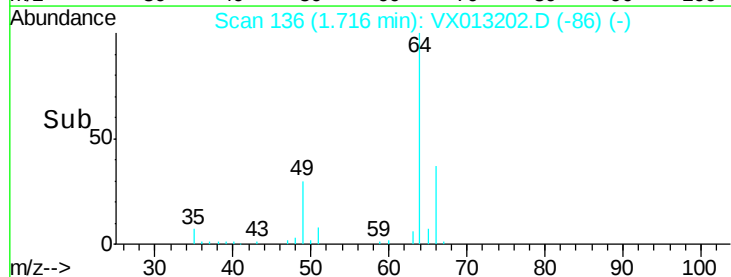
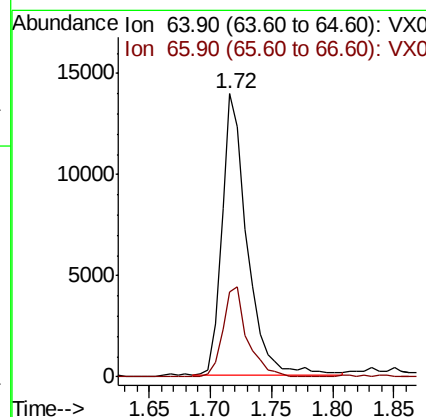
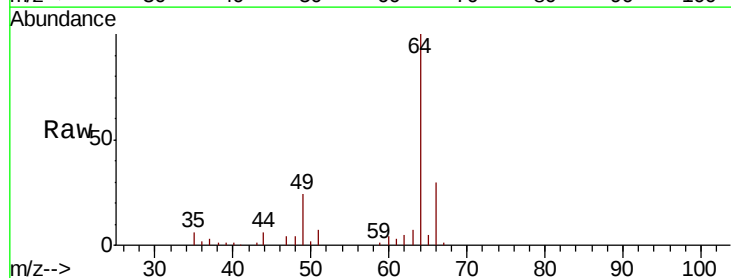
Manual Integrations
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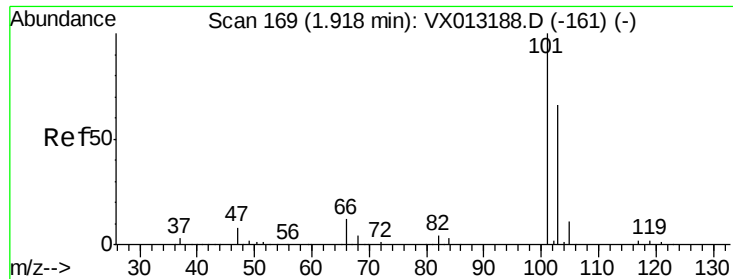
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#6
 Chloroethane
 Concen: 19.248 ug/l
 RT: 1.72 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
64	100		19867		
66	30.2	25.0	37.6		





#7

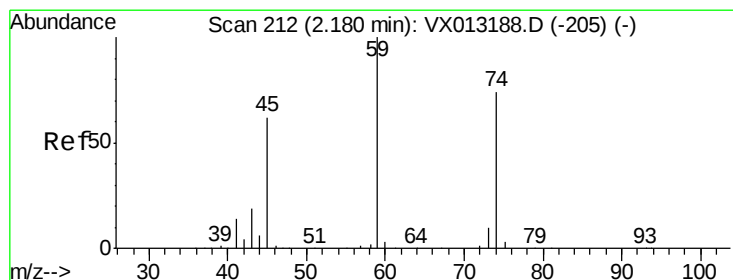
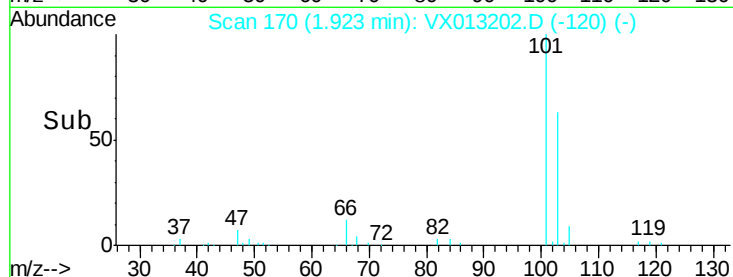
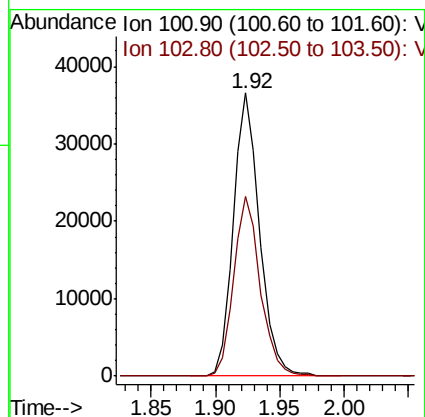
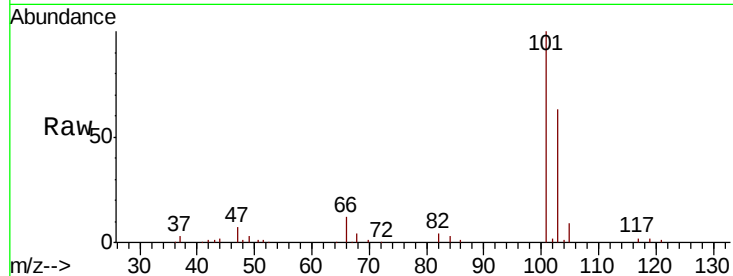
Trichlorofluoromethane
Concen: 19.485 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion:101 Resp: 51933
Ion Ratio Lower Upper
101 100
103 63.4 53.0 79.6

Manual Integrations
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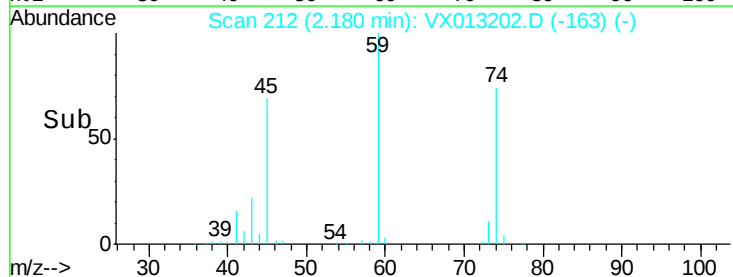
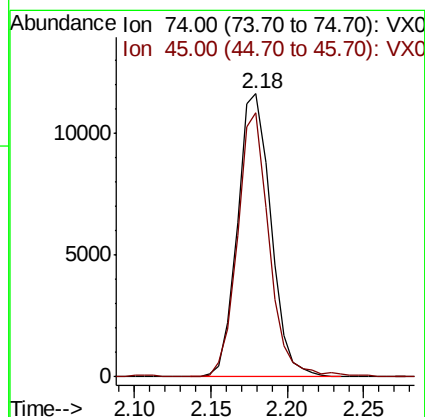
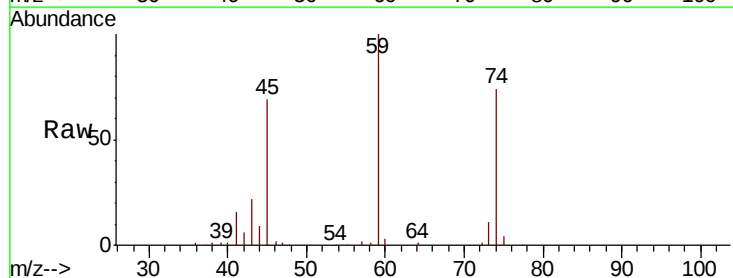
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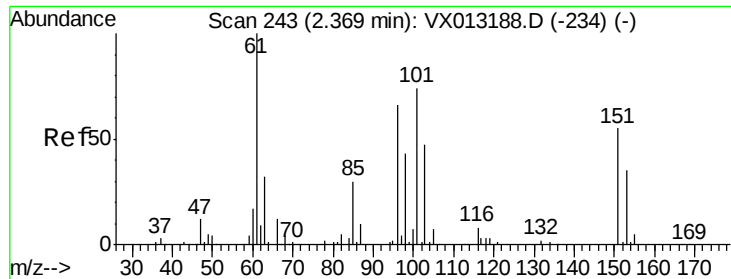


#8

Diethyl Ether
Concen: 19.158 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion: 74 Resp: 17679
Ion Ratio Lower Upper
74 100
45 88.8 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.693 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

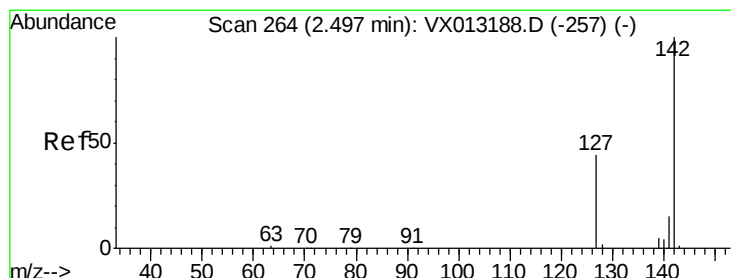
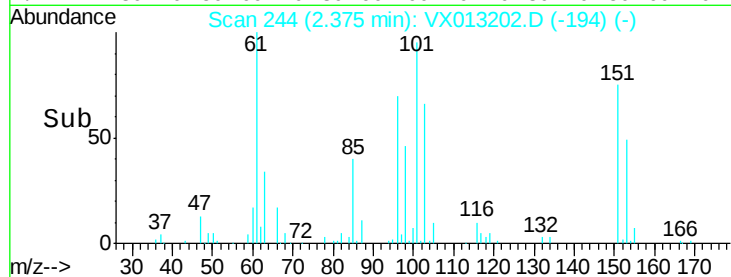
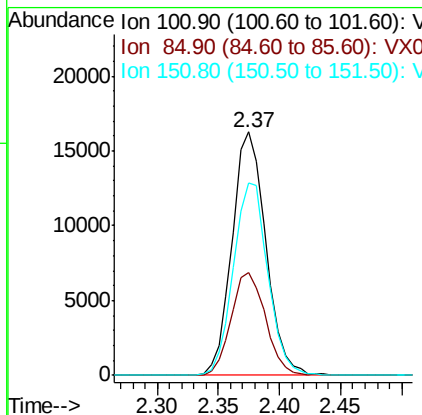
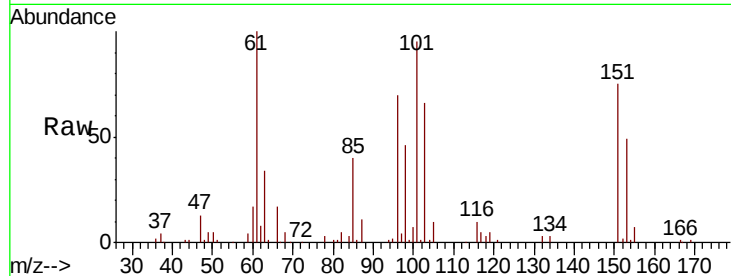
ClientSampleId :

VX1025WBS01

Tot Ion:	101	Resp:	31148
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.0	51.0
151	80.6	62.0	93.0

Manual Integrations
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#10

Methyl Iodide

Concen: 17.094 ug/l

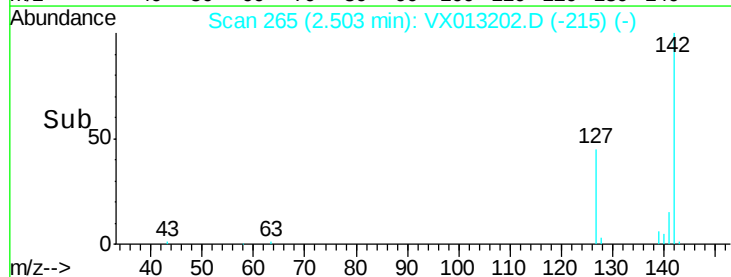
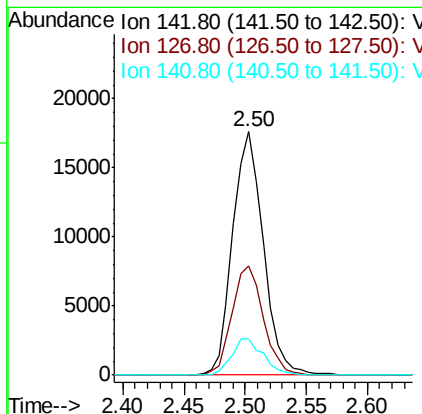
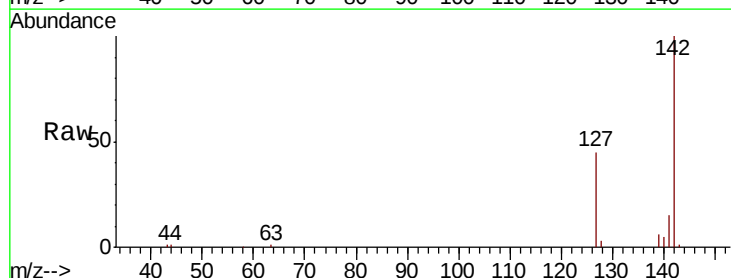
RT: 2.50 min Scan# 265

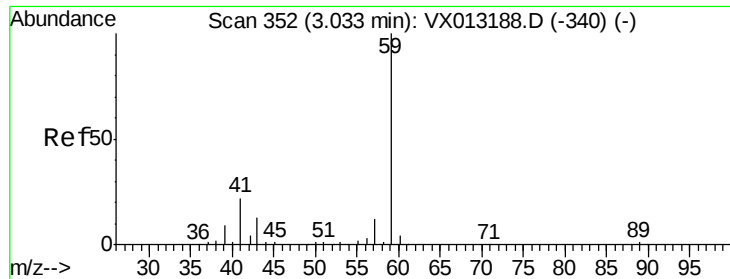
Delta R.T. 0.01 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Tgt Ion:	142	Resp:	30622
Ion Ratio	Lower	Upper	
142	100		
127	45.8	35.6	53.4
141	15.2	11.6	17.4





#11

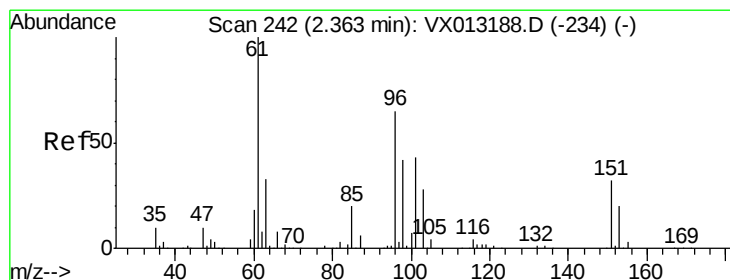
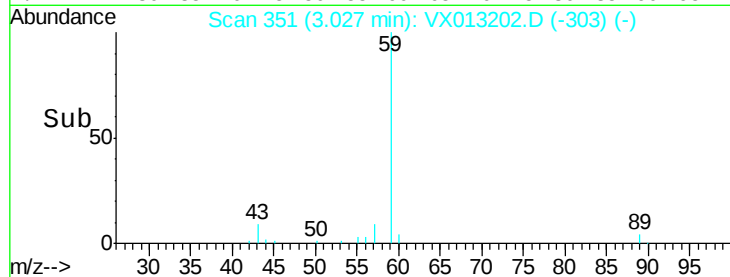
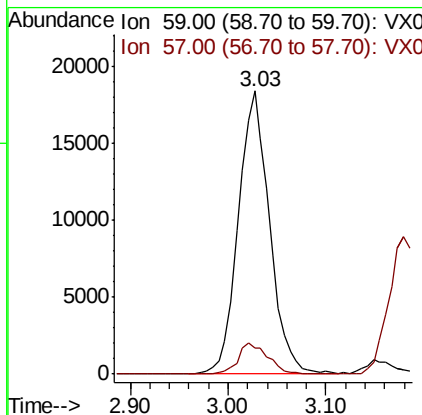
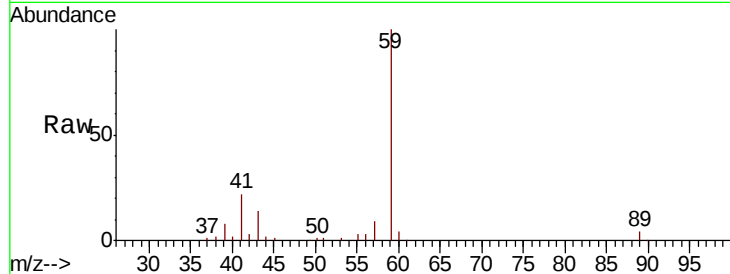
Tert butyl alcohol
Concen: 95.084 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	59	57	Ratio	100	10.5	Resp	40791	Lower	Upper
Ion	59	57	Ratio	100	10.5	Resp	40791	Lower	Upper
								8.2	12.4

Manual Integrations
APPROVED

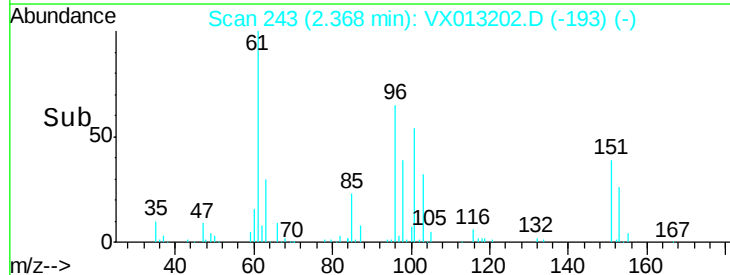
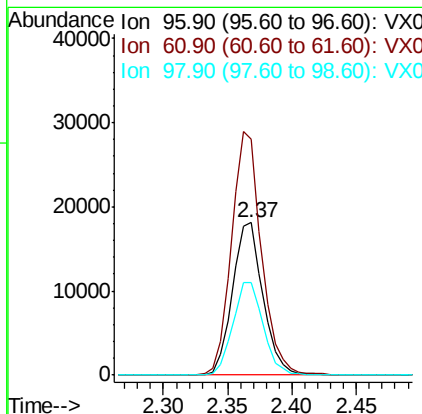
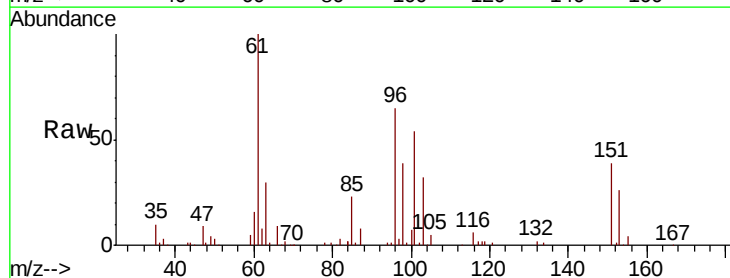
MMDadoda
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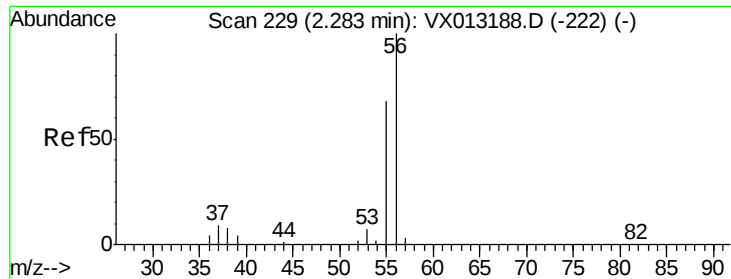


#12

1,1-Dichloroethene
Concen: 18.686 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	96	61	98	Ratio	100	154.7	60.6	Resp	29889	Lower	Upper
Ion	96	61	98	Ratio	100	154.7	60.6	Resp	29889	Lower	Upper
										123.8	185.8
										51.6	77.4





#13

Acrolein

Concen: 76.275 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 56 Resp: 17575

Ion Ratio Lower Upper

56 100

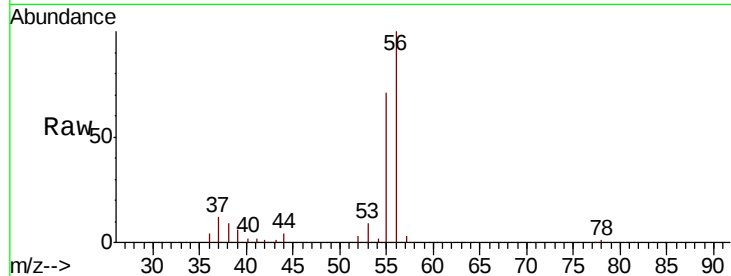
55 72.0 58.9 88.3

Manual Integrations

APPROVED

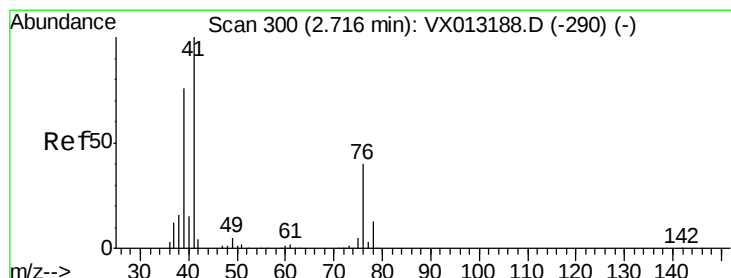
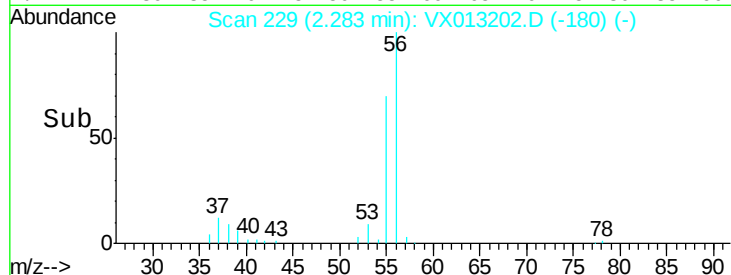
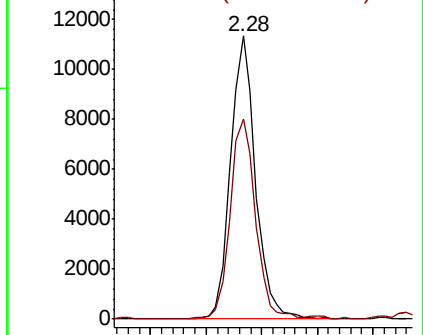
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.989 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

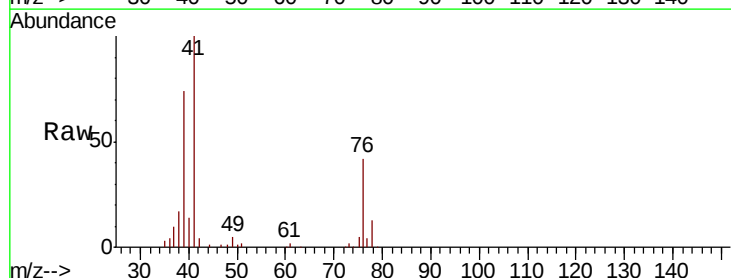
Tgt Ion: 41 Resp: 45299

Ion Ratio Lower Upper

41 100

39 69.1 54.6 81.8

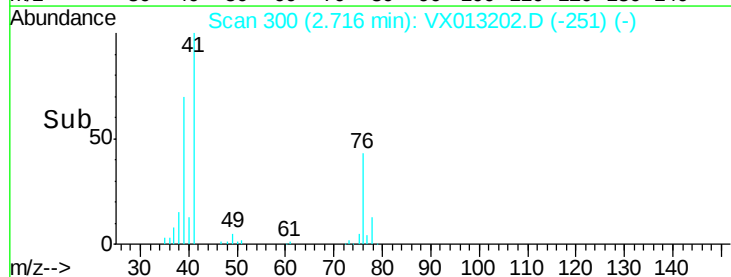
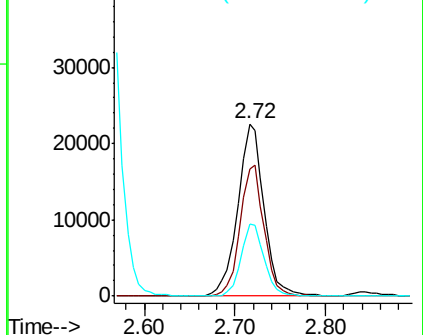
76 36.7 29.8 44.6

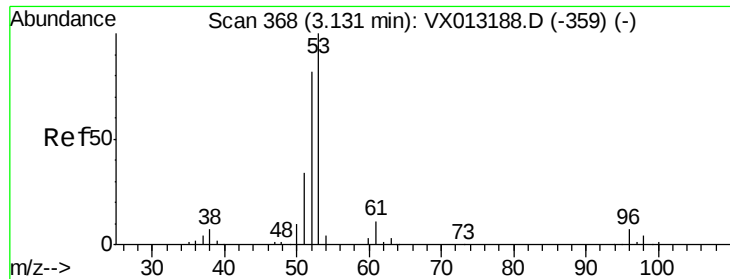


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





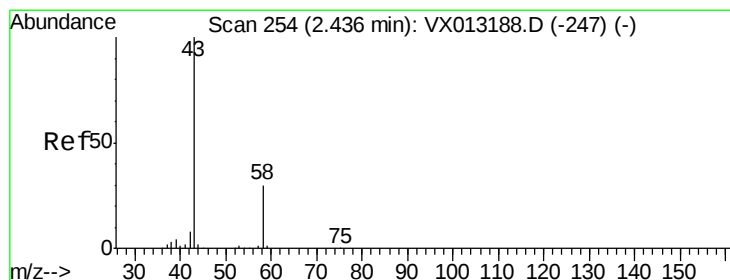
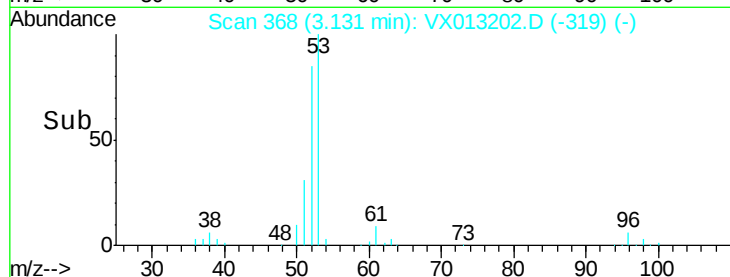
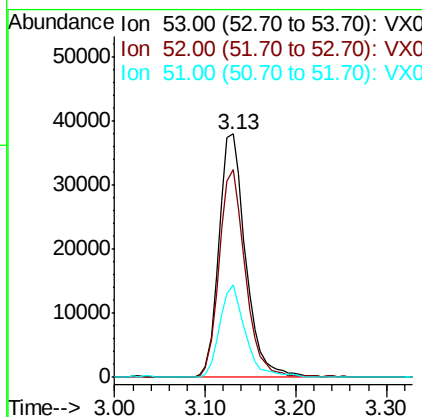
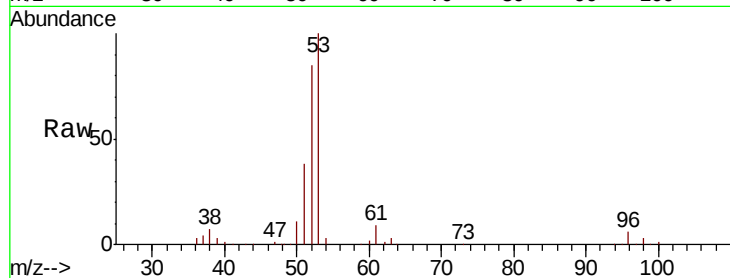
#15
 Acrylonitrile
 Concen: 90.612 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.4	99.6
51	36.5	29.4	44.2

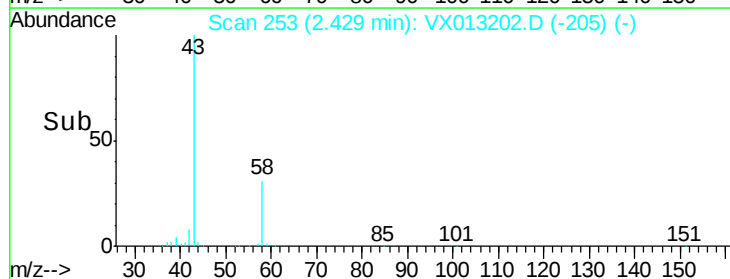
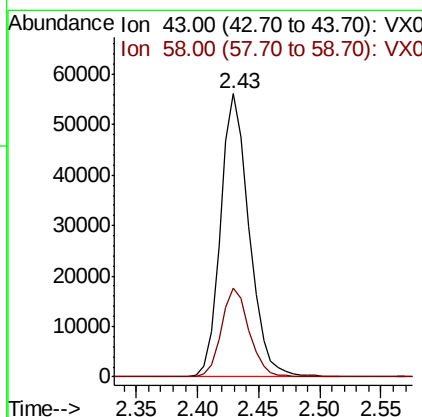
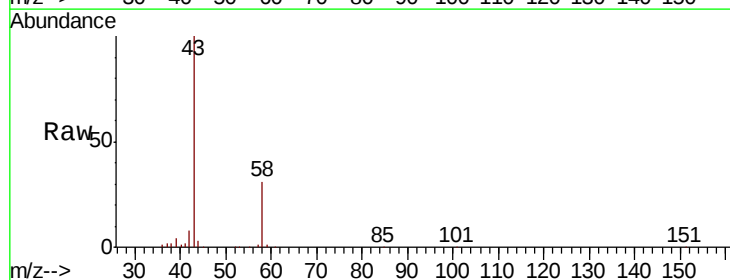
Manual Integrations
 APPROVED

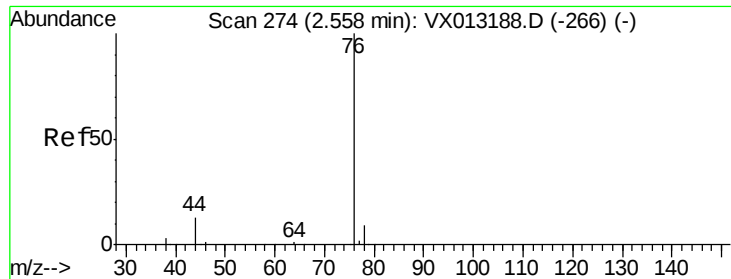
MMDadoda
 10/28/2019 12:53:31 PM



#16
 Acetone
 Concen: 98.122 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	23.8	35.6





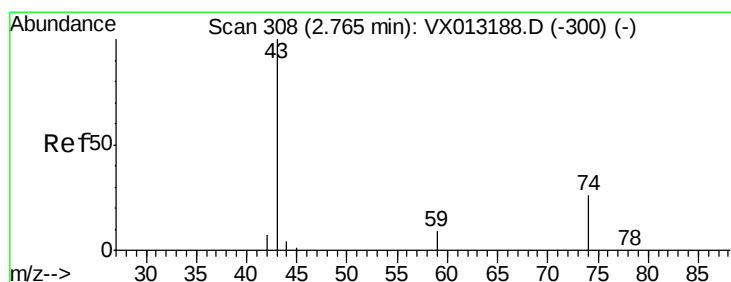
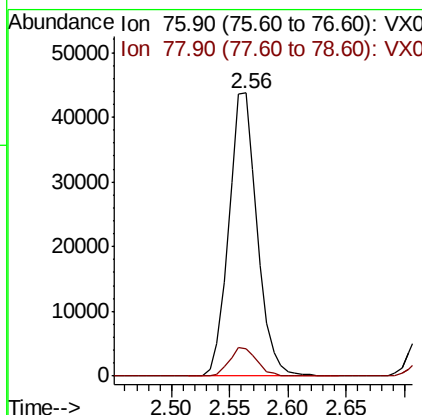
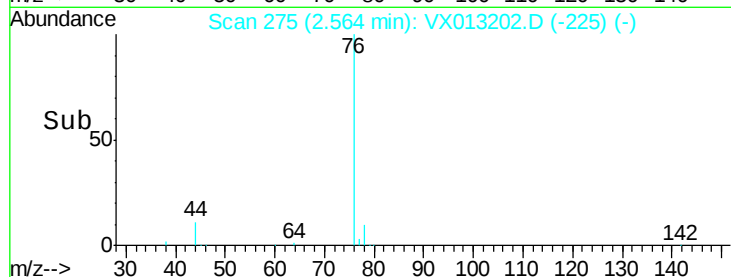
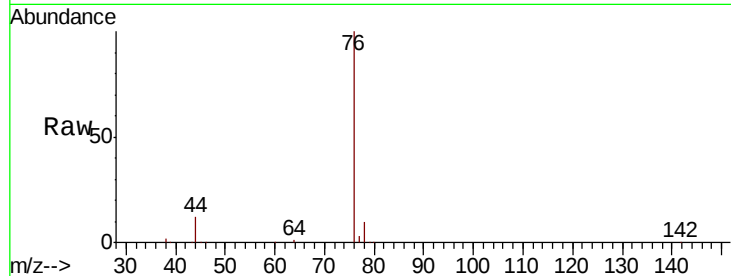
#17
Carbon Disulfide
Concen: 17.236 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.2

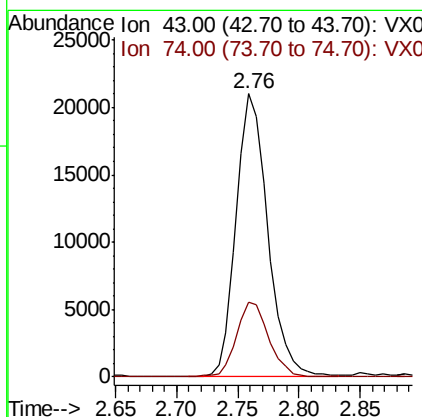
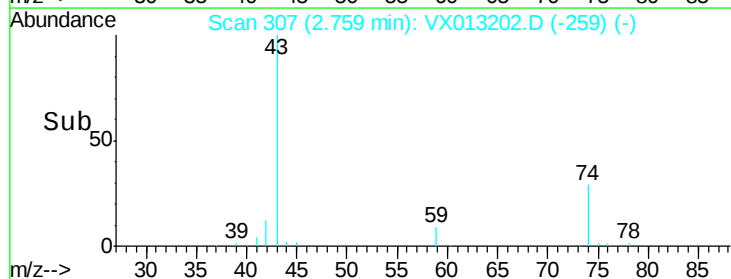
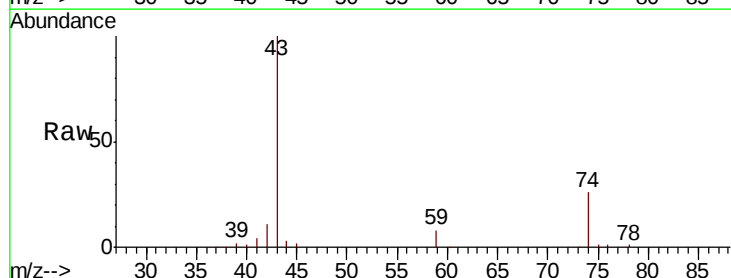
Manual Integrations
APPROVED

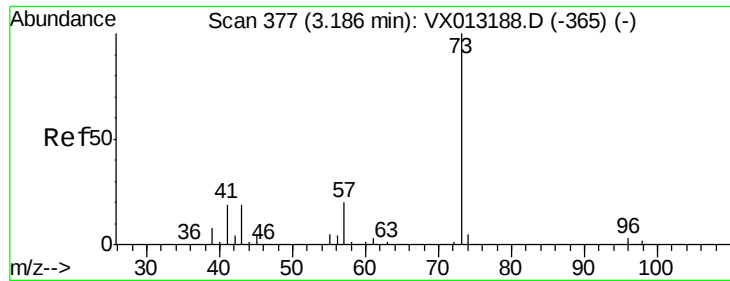
MMDadoda
10/28/2019 12:53:31 PM



#18
Methyl Acetate
Concen: 19.334 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	20.9	31.3





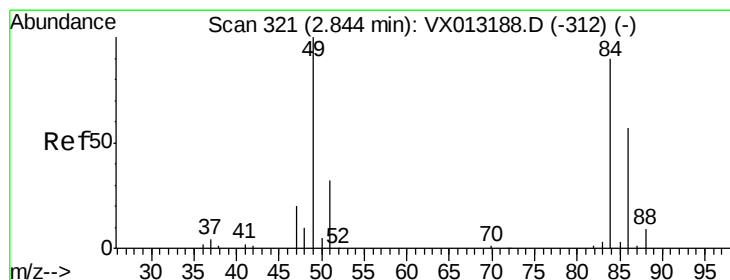
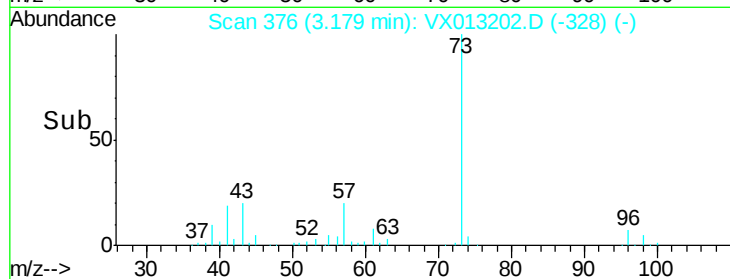
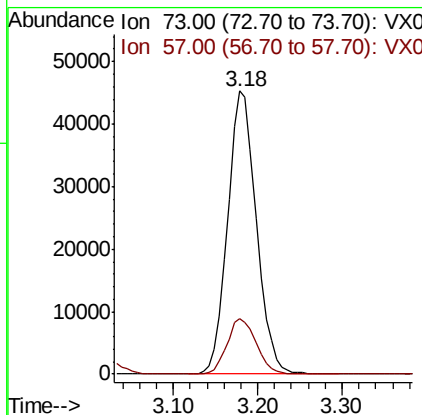
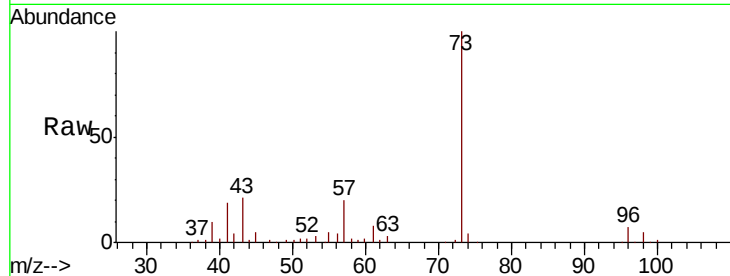
#19
Methyl tert-butyl Ether
Concen: 18.581 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.7	15.8	23.8

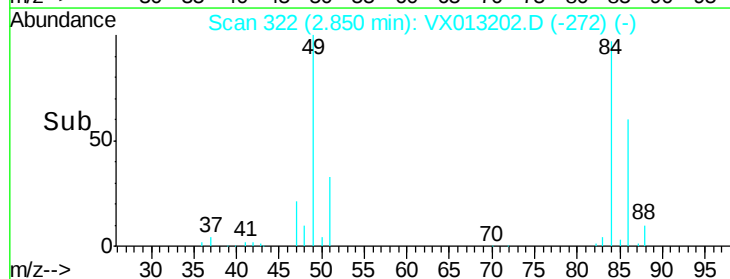
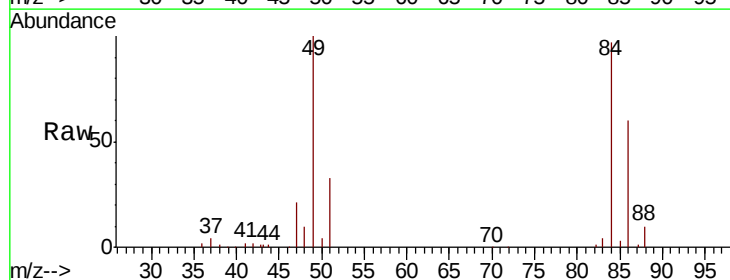
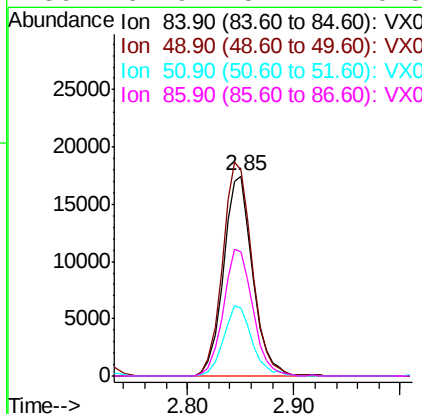
Manual Integrations
APPROVED

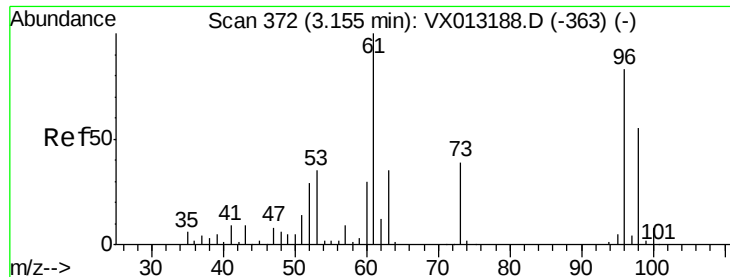
MMDadoda
10/28/2019 12:53:31 PM



#20
Methylene Chloride
Concen: 19.480 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	102.8	89.2	133.8
51	34.2	28.8	43.2
86	61.9	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 19.731 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

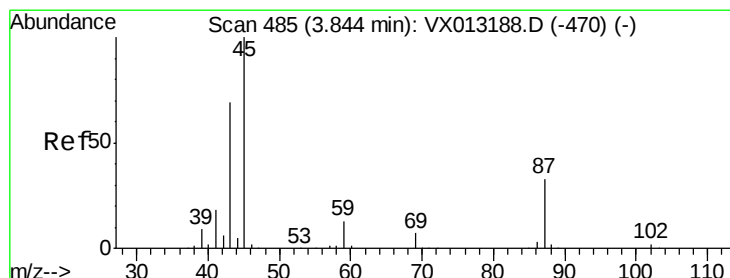
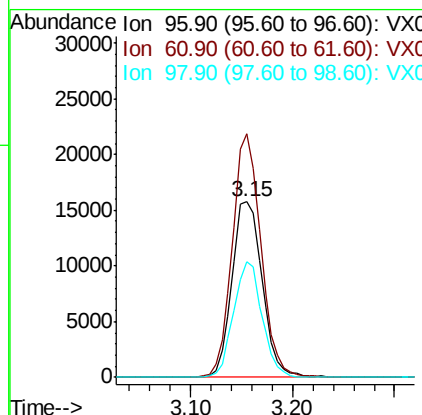
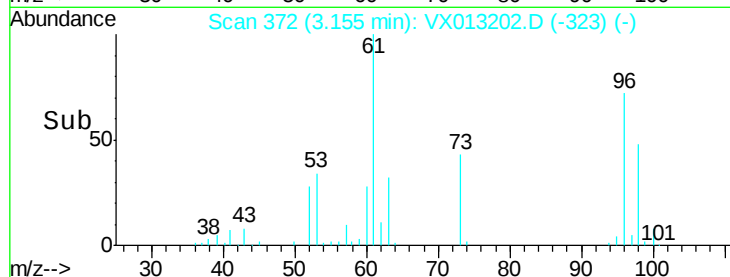
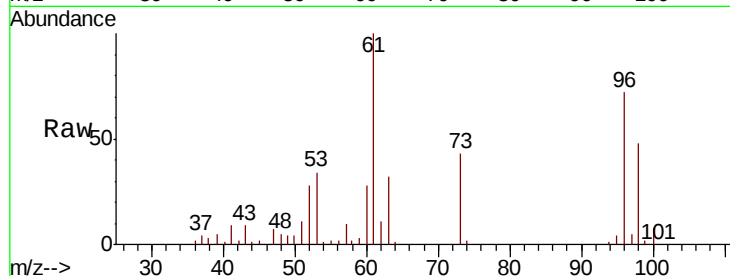
ClientSampleId :

VX1025WBS01

Tot Ion:	96	Resp:	32353
Ion	Ratio	Lower	Upper
96	100		
61	138.7	96.9	145.3
98	66.0	53.0	79.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.345 ug/l

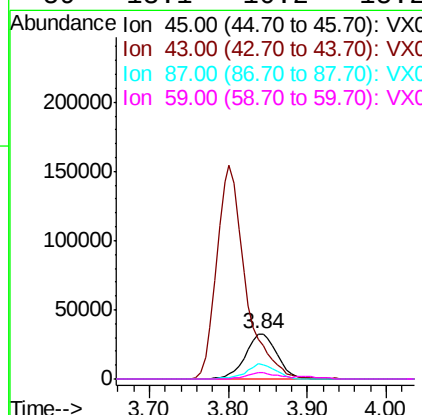
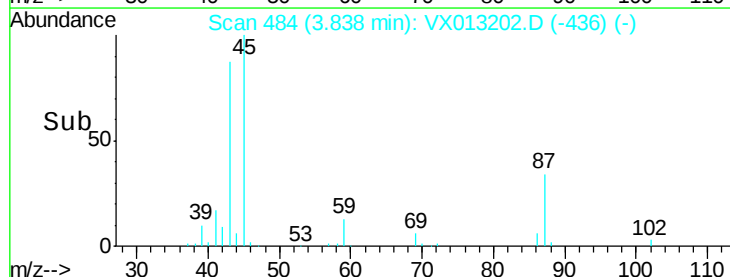
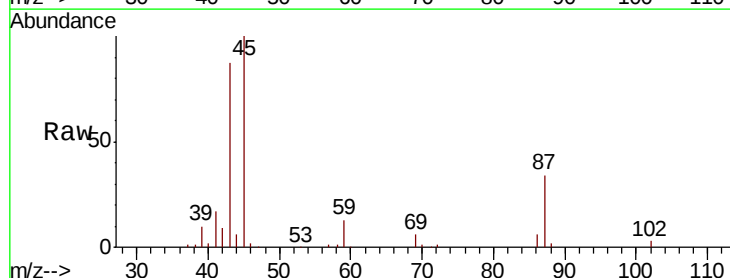
RT: 3.84 min Scan# 484

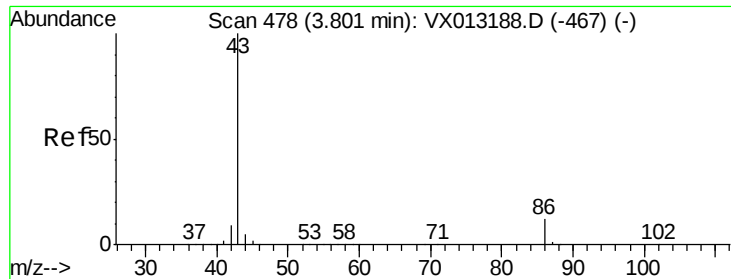
Delta R.T. -0.01 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Tgt Ion:	45	Resp:	90326
Ion	Ratio	Lower	Upper
45	100		
43	86.2	55.5	83.3#
87	34.1	26.7	40.1
59	13.1	10.2	15.2





#23

Vinyl Acetate

Concen: 93.886 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 43 Resp: 392908

Ion Ratio Lower Upper

43 100

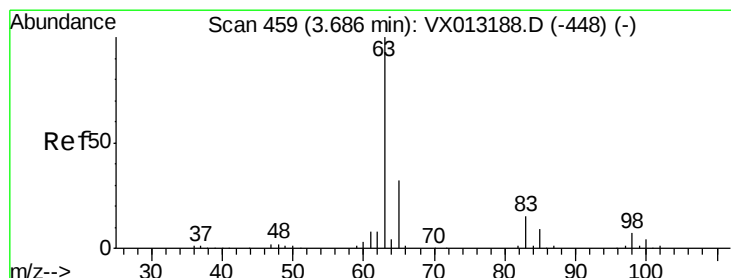
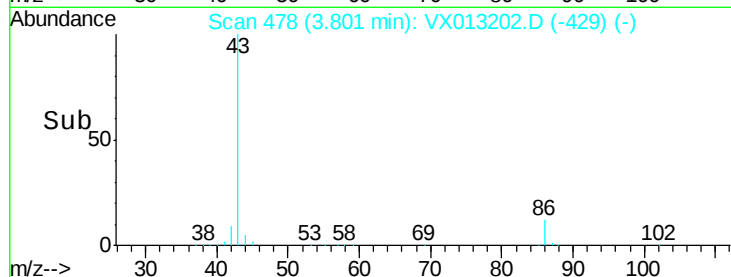
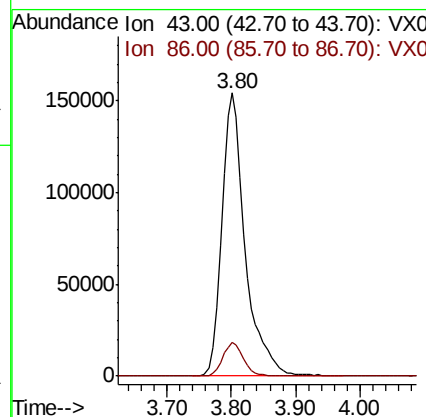
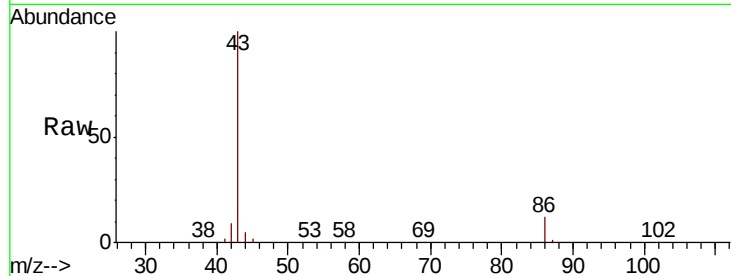
86 11.8 9.7 14.5

Manual Integrations

APPROVED

MMDadoda

10/28/2019 12:53:31 PM



#24

1,1-Dichloroethane

Concen: 18.459 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

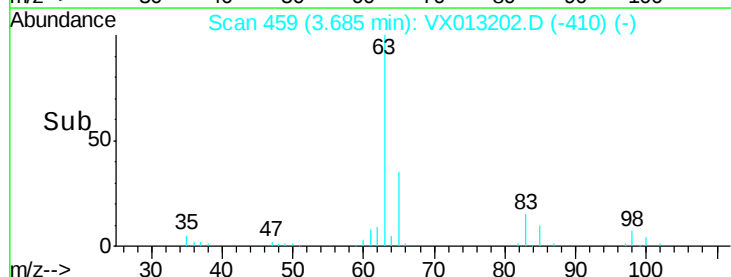
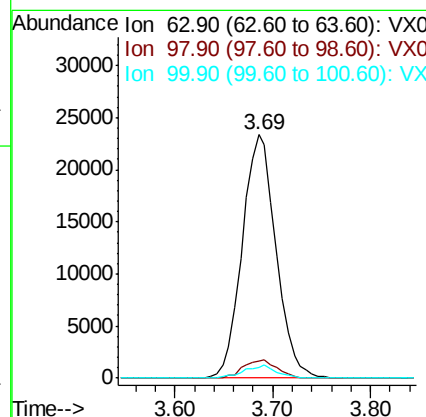
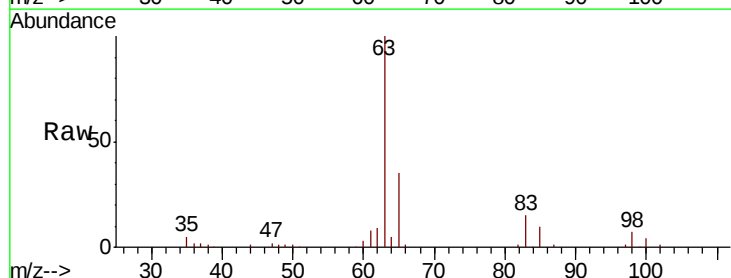
Tgt Ion: 63 Resp: 55905

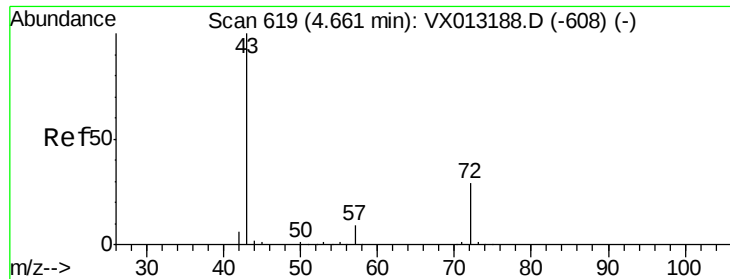
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 93.496 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Tot Ion: 43 Resp: 116012

Ion Ratio Lower Upper

43 100

72 27.9 23.4 35.2

Instrument :

MSVOA_X

ClientSampleId :

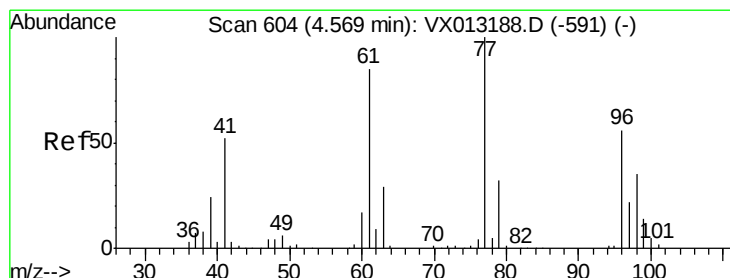
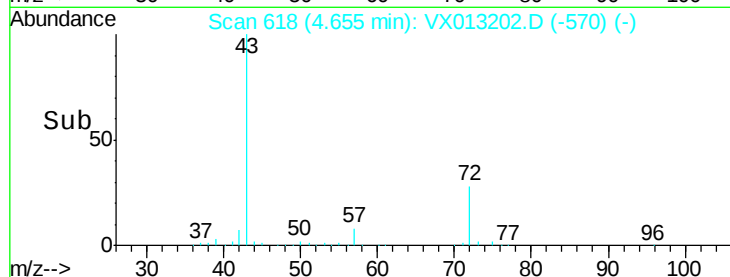
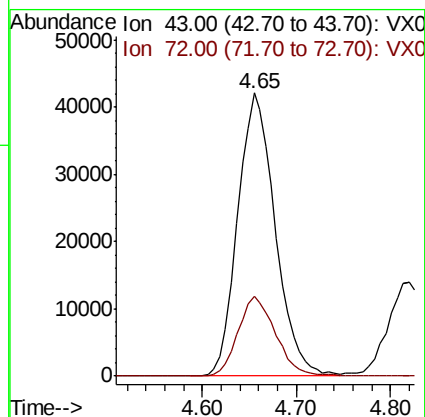
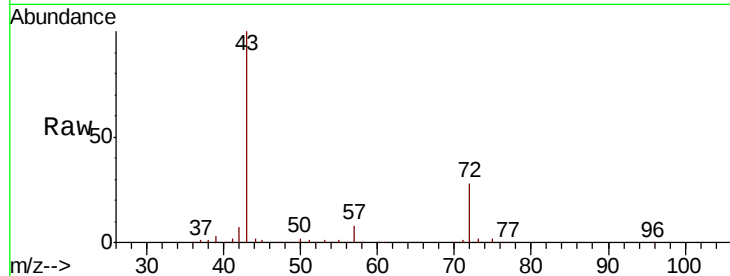
VX1025WBS01

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#26

2,2-Dichloropropane

Concen: 18.650 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013202.D

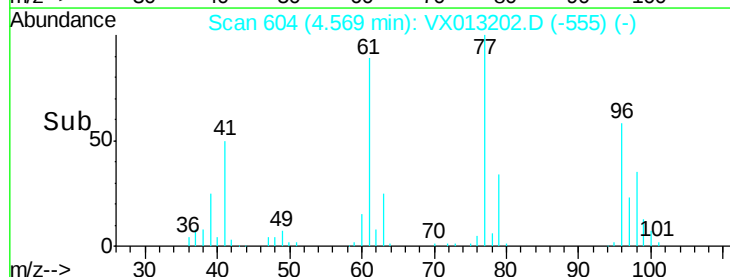
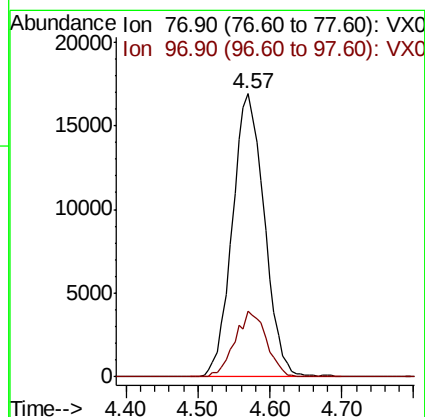
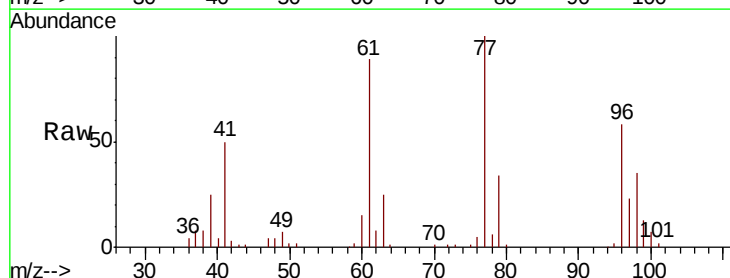
Acq: 24 Oct 2019 11:08

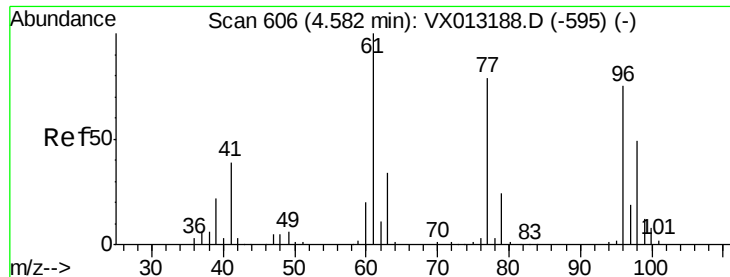
Tgt Ion: 77 Resp: 52201

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.6





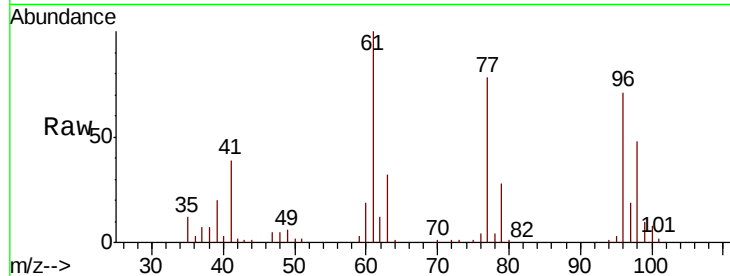
#27
 cis-1,2-Dichloroethene
 Concen: 18.170 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	35594		
61	146.9	0.0	290.4	
98	65.9	0.0	130.4	

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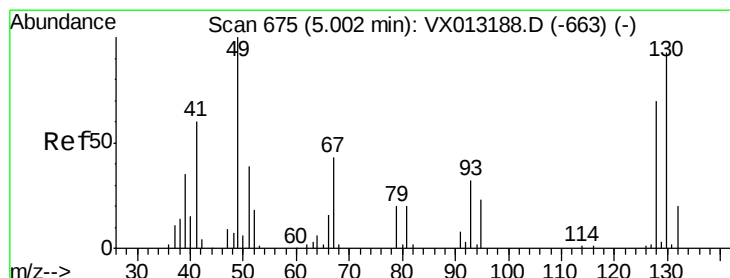
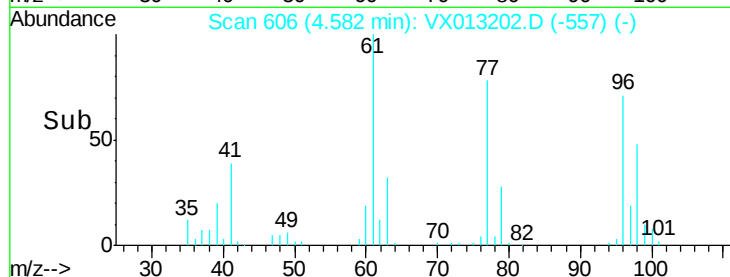
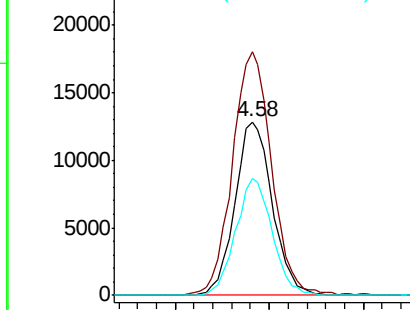


Abundance

Ion 95.90 (95.60 to 96.60): VX0

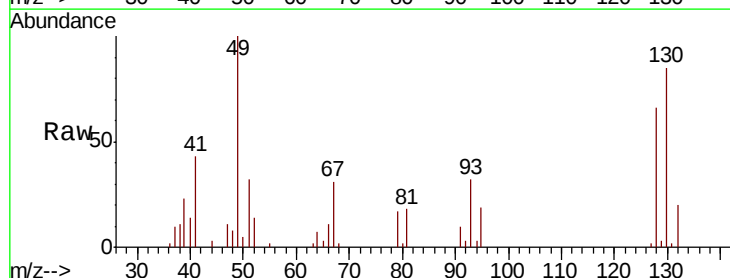
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28
 Bromochloromethane
 Concen: 19.496 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	15225		
129	0.6	0.0	4.8	
130	89.9	71.8	107.8	

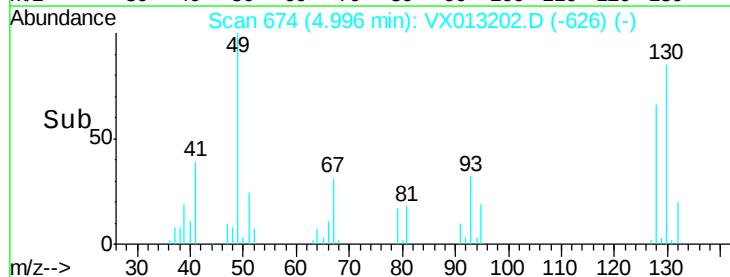
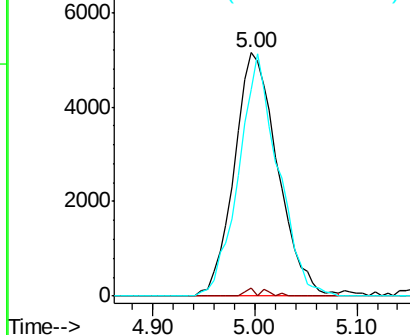


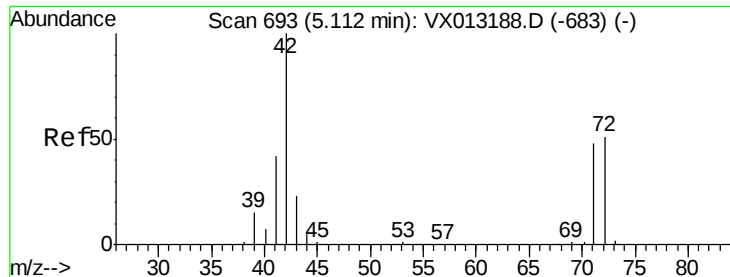
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





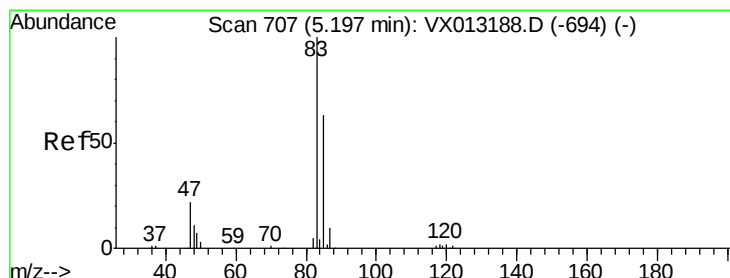
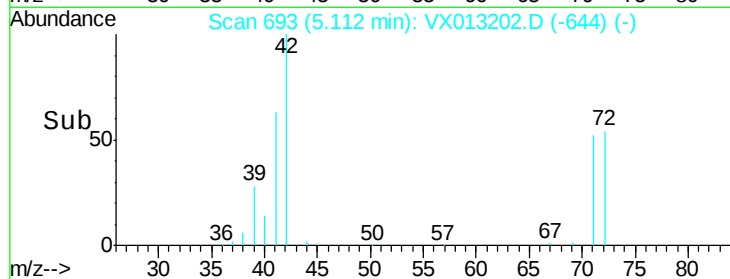
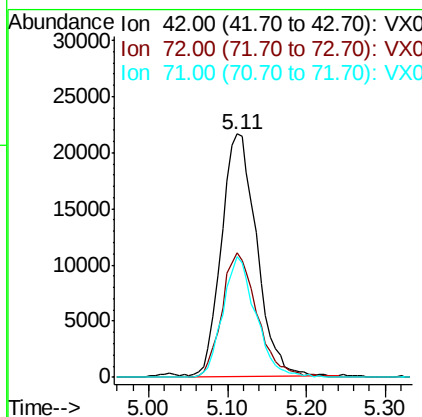
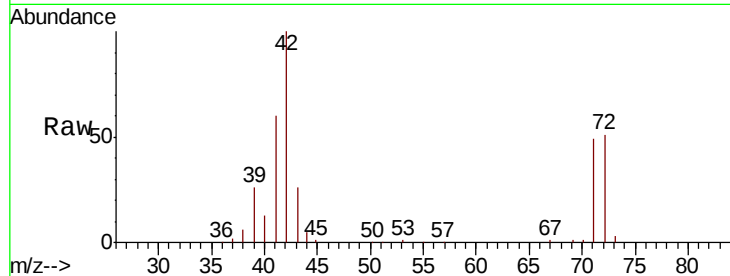
#29
Tetrahydrofuran
Concen: 89.838 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	40.9	61.3
71	46.5	38.6	57.8

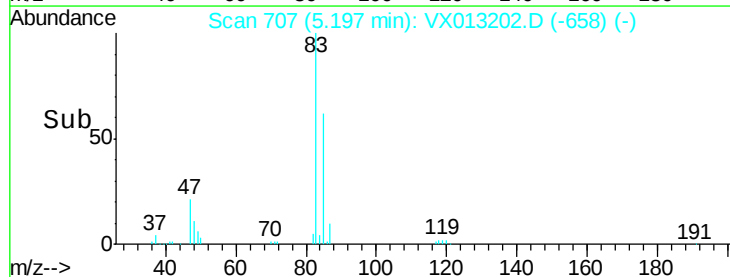
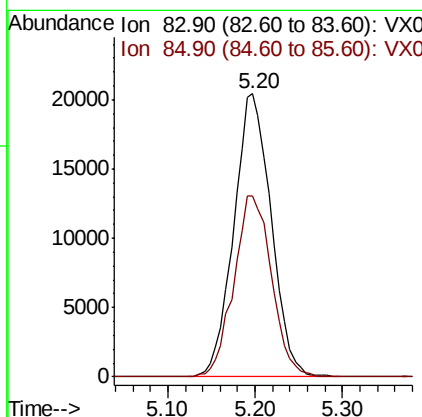
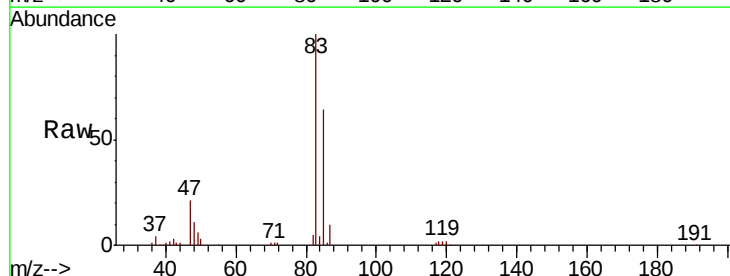
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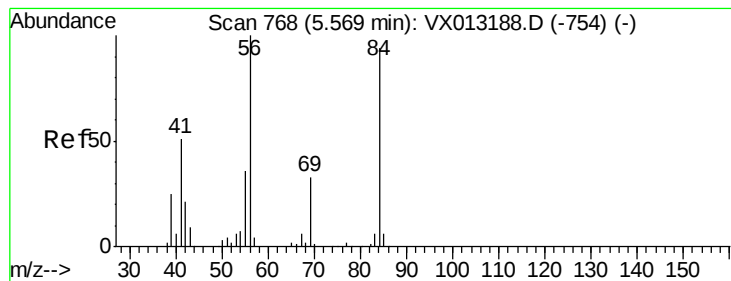
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#30
Chloroform
Concen: 18.770 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.1	75.1





#31

Cyclohexane

Concen: 19.118 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

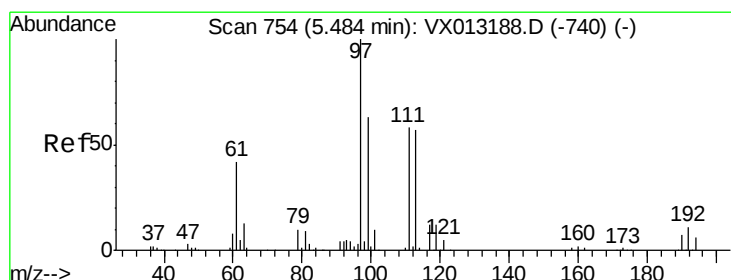
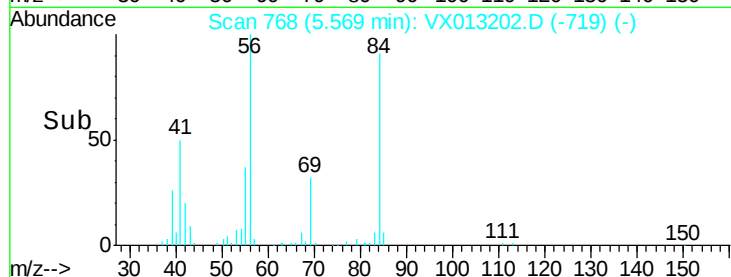
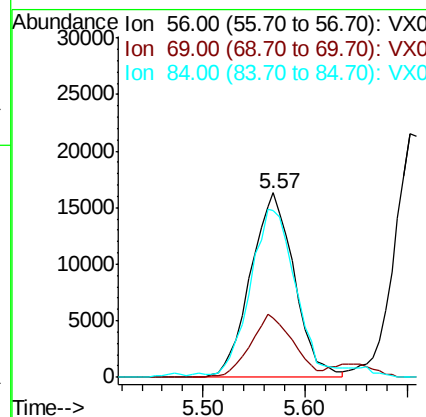
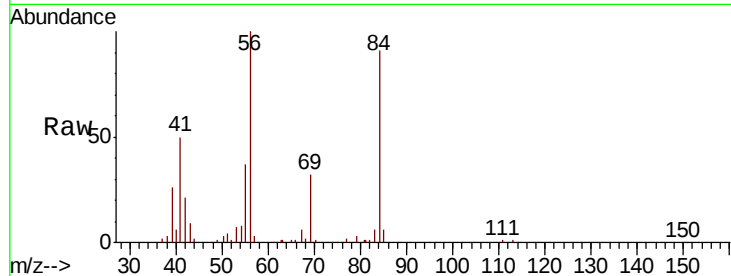
ClientSampleId :

VX1025WBS01

Tot Ion:	56	Resp:	48556
Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.3	39.5
84	88.9	73.8	110.6

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#32

1,1,1-Trichloroethane

Concen: 19.064 ug/l

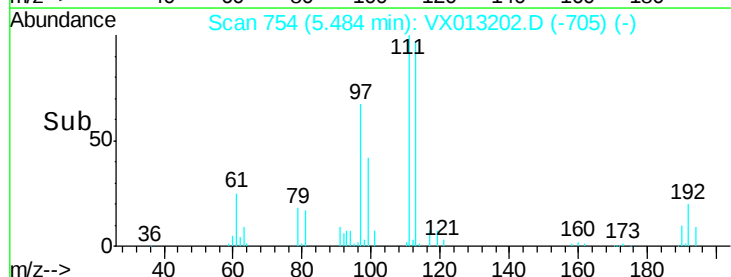
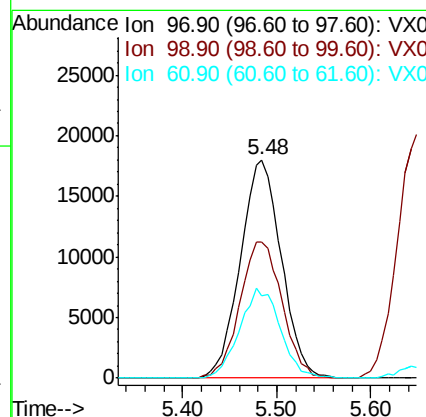
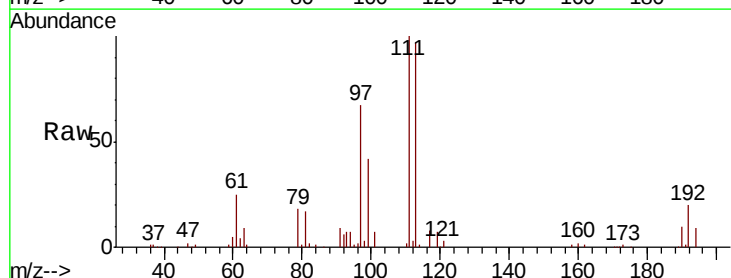
RT: 5.48 min Scan# 754

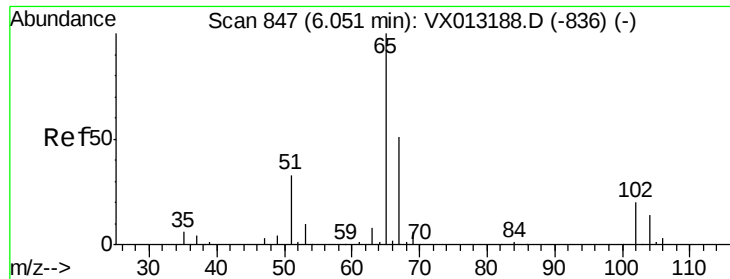
Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Tgt Ion:	97	Resp:	54656
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.8	76.2
61	41.1	32.8	49.2





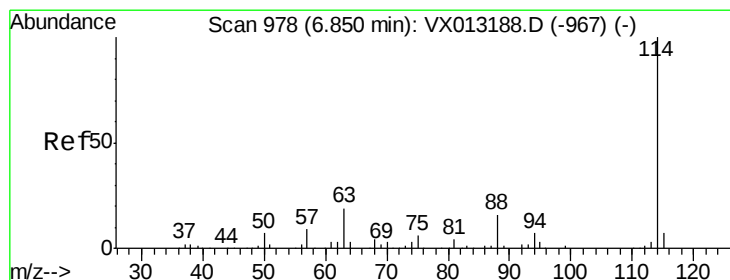
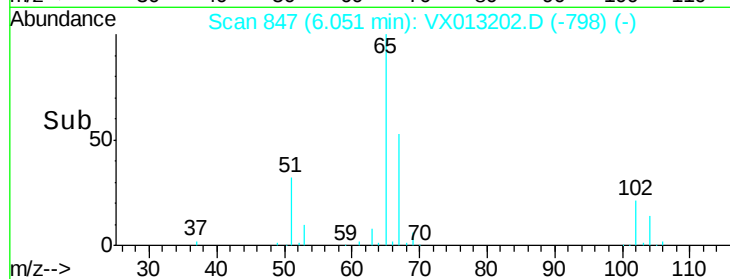
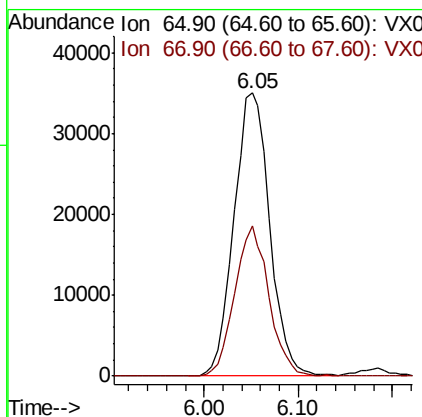
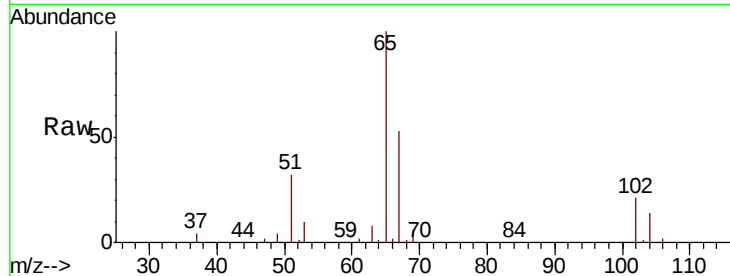
#33
 1,2-Dichloroethane-d4
 Concen: 47.268 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.6

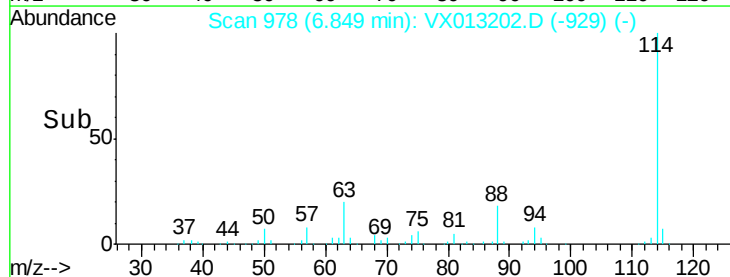
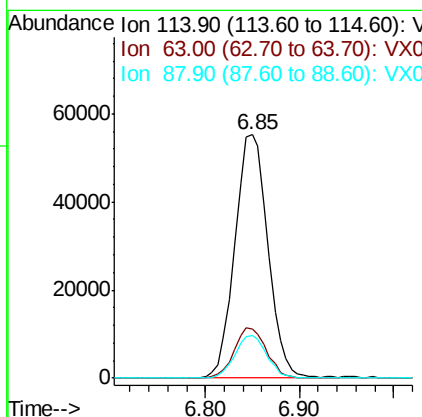
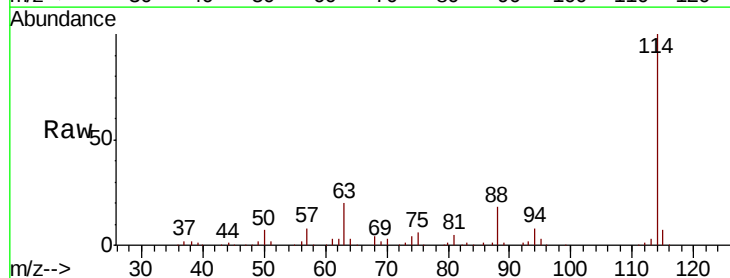
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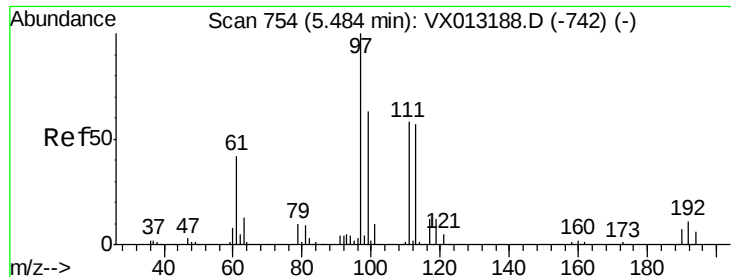
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	17.7	0.0	32.0





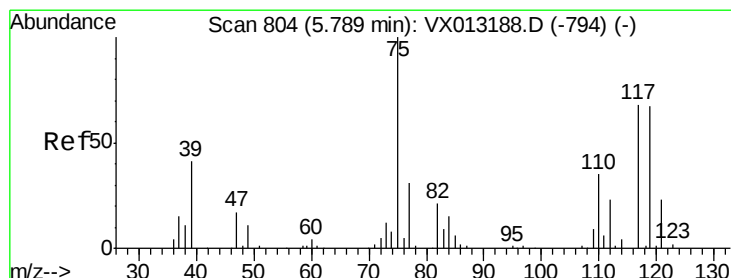
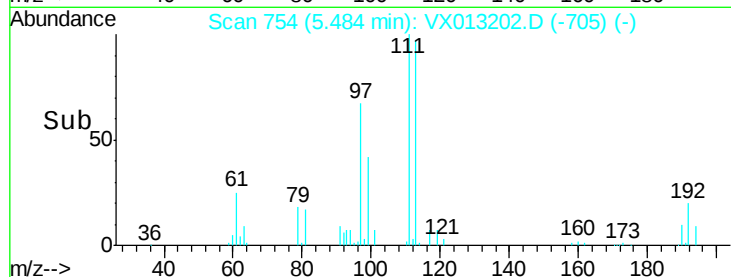
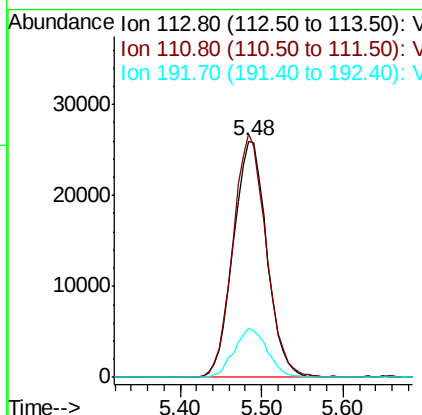
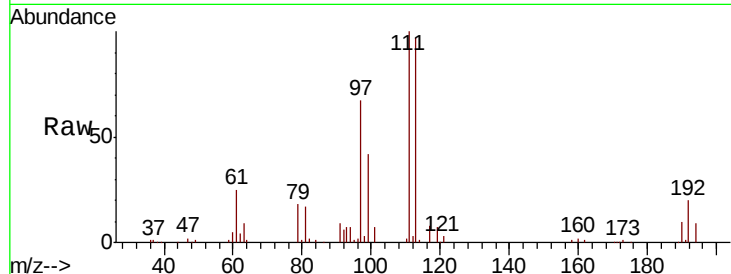
#35
 Dibromofluoromethane
 Concen: 49.080 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.3	120.5
192	20.5	15.9	23.9

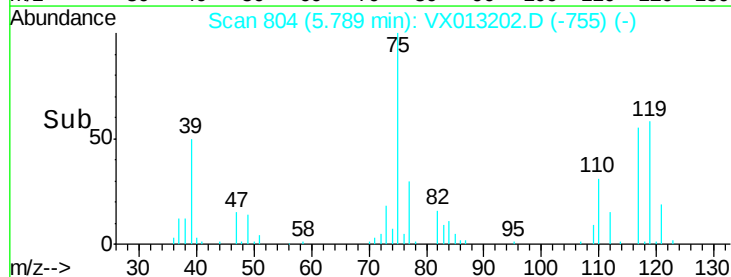
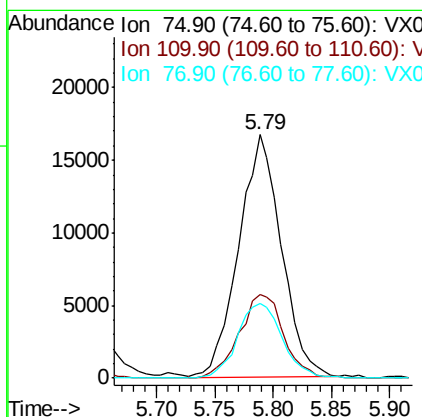
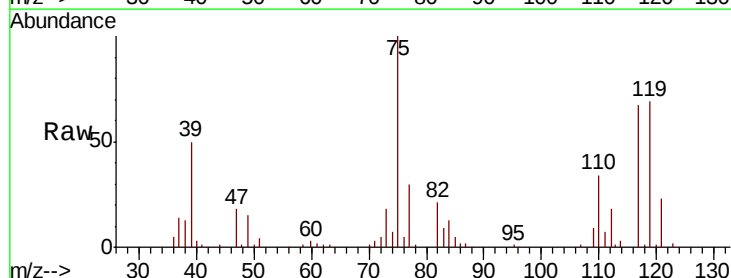
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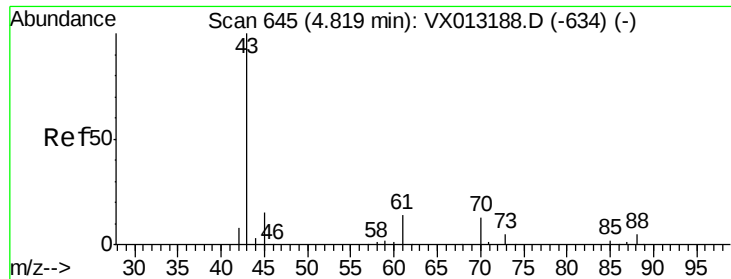
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#36
 1,1-Dichloropropene
 Concen: 18.802 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.6	52.9
77	32.5	24.7	37.1





#37

Ethyl Acetate

Concen: 17.871 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

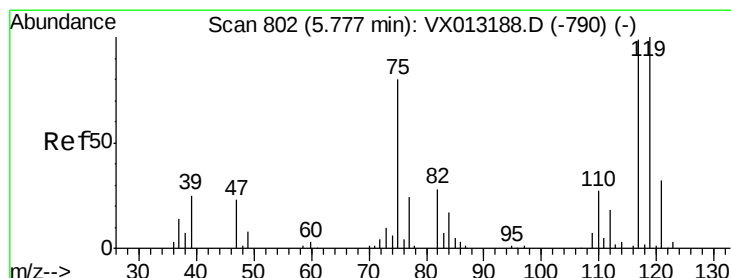
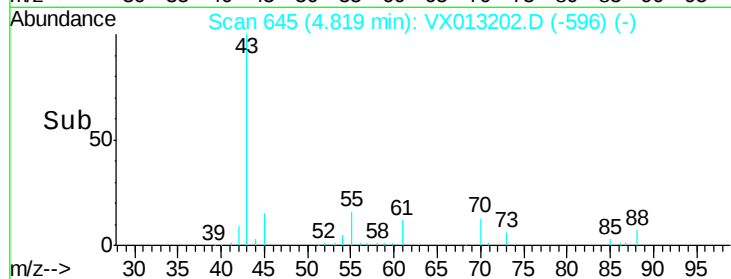
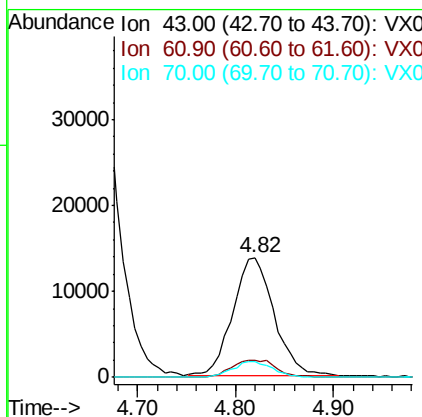
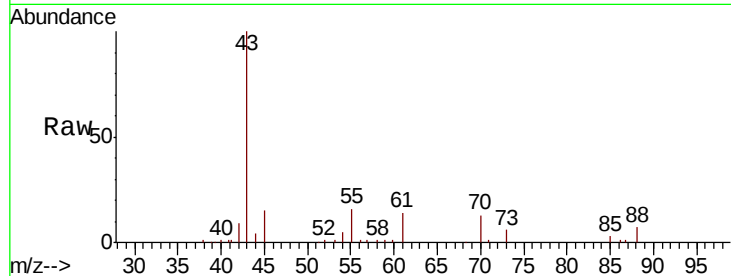
ClientSampleId :

VX1025WBS01

Tot Ion:	43	Resp:	40156
Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.1	18.1
70	13.1	10.4	15.6

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#38

Carbon Tetrachloride

Concen: 18.578 ug/l

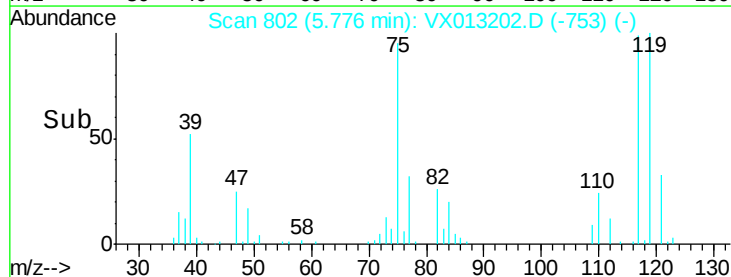
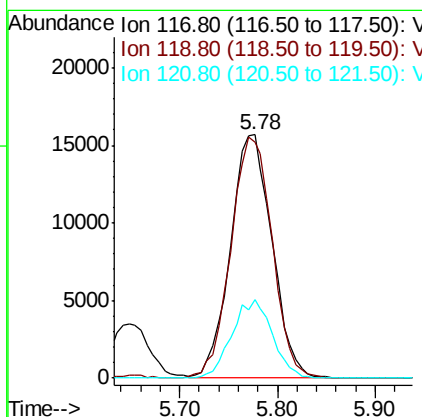
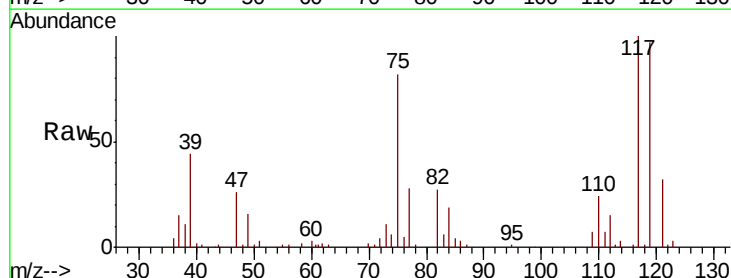
RT: 5.78 min Scan# 802

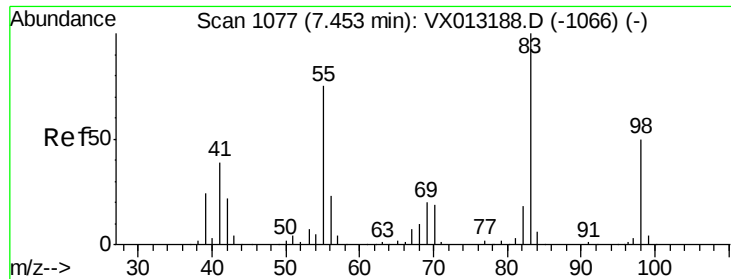
Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Tgt Ion:	117	Resp:	46302
Ion	Ratio	Lower	Upper
117	100		
119	96.8	80.1	120.1
121	32.3	25.5	38.3





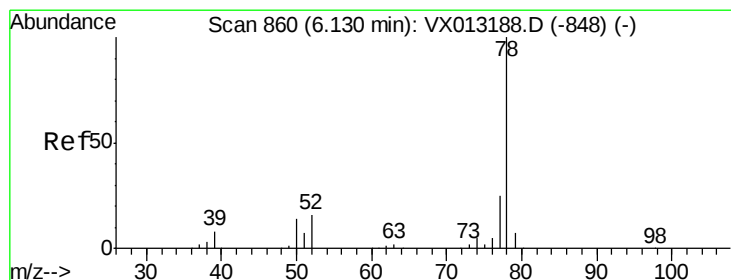
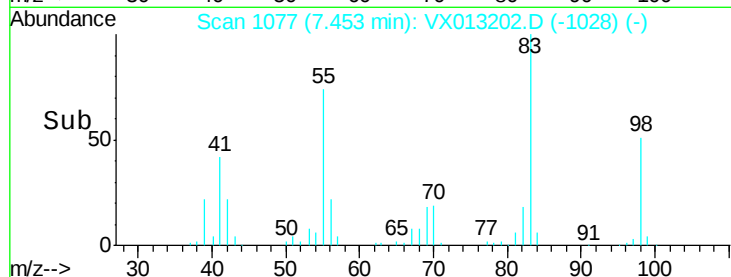
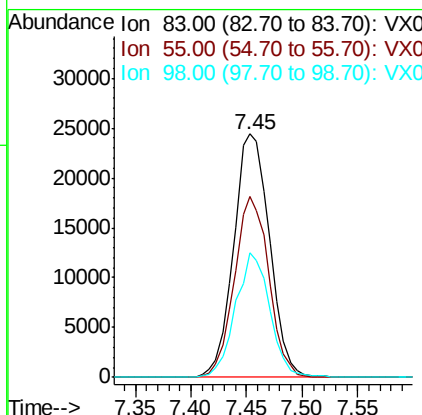
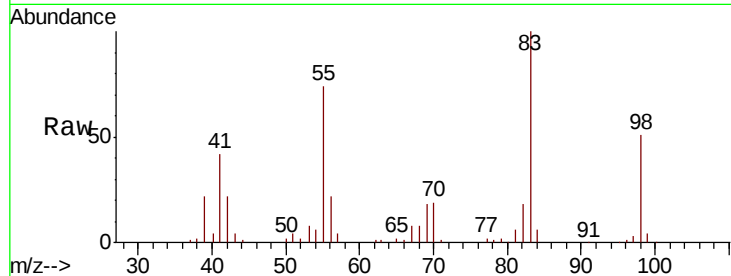
#39
Methvlcvclohexane
Concen: 18.941 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.2	60.1	90.1
98	51.2	39.8	59.8

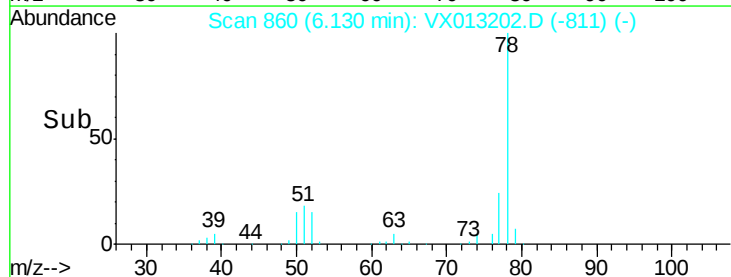
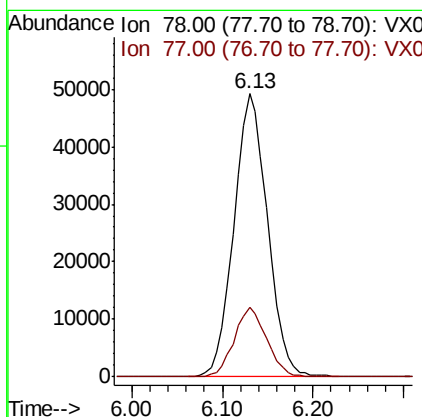
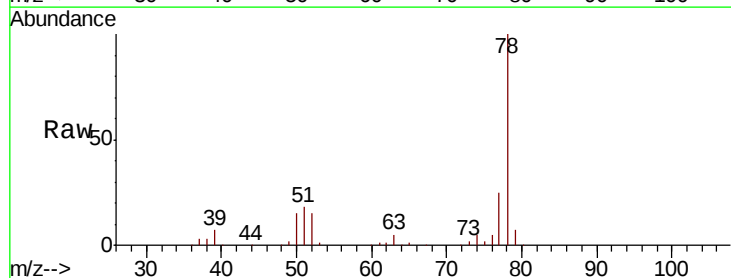
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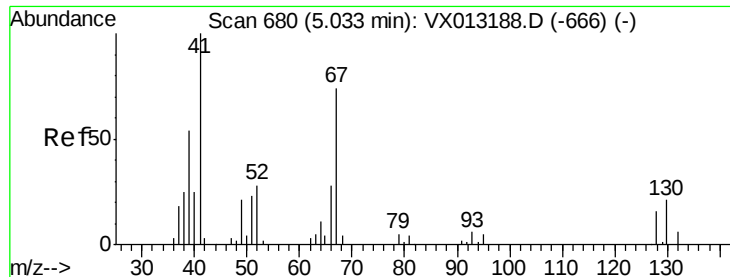
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#40
Benzene
Concen: 18.641 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.6	29.4





#41

Methacrylonitrile

Concen: 18.772 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

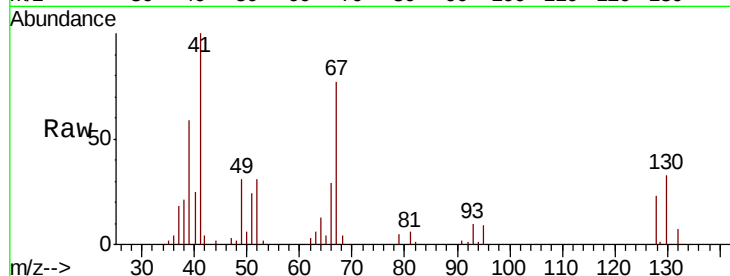
ClientSampleId :

VX1025WBS01

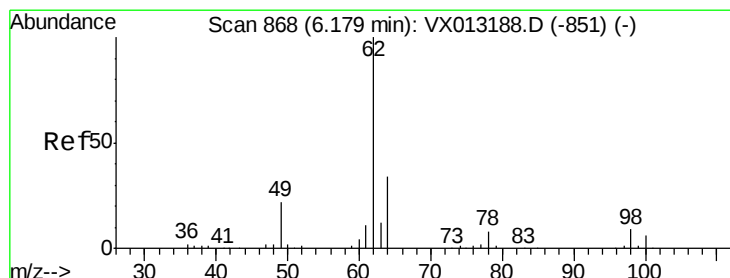
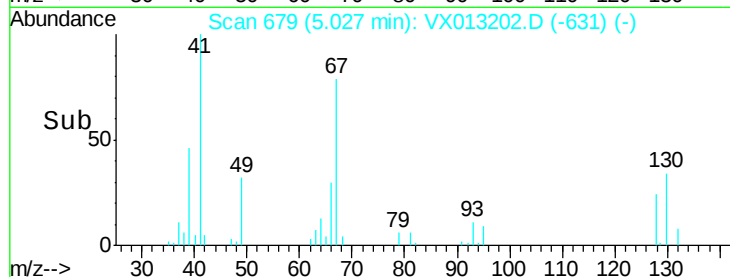
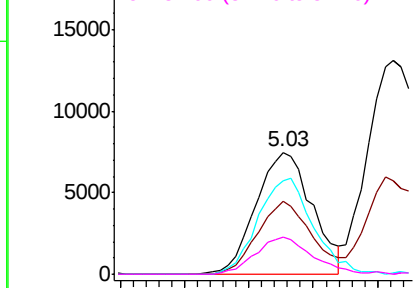
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.0	45.2	67.8	
67	77.2	61.3	91.9	
52	30.5	25.1	37.7	

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.976 ug/l

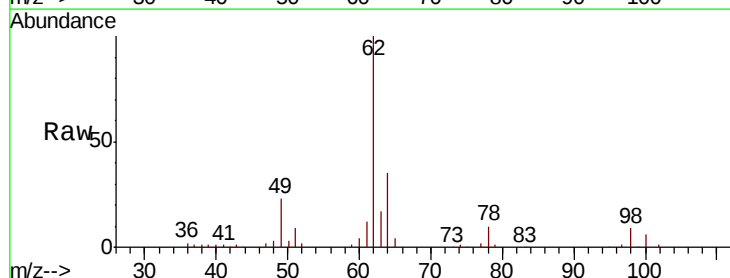
RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

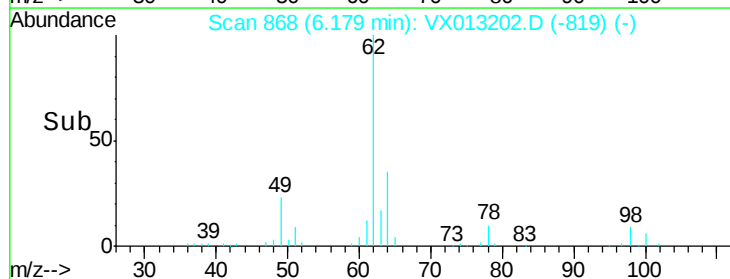
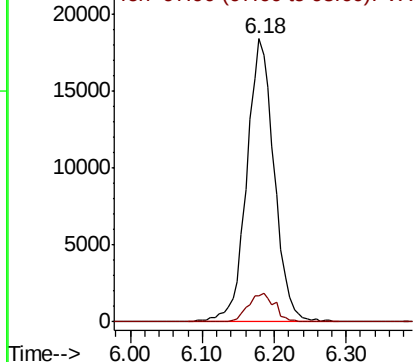
Lab File: VX013202.D

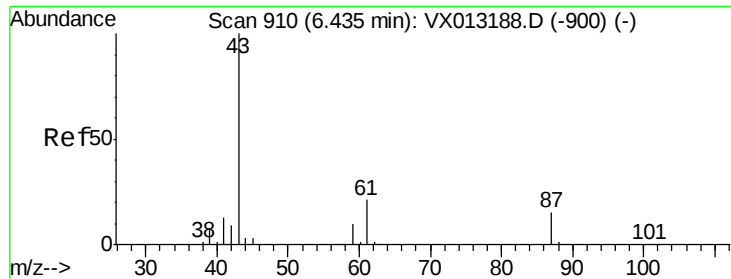
Acq: 24 Oct 2019 11:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	18.4	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





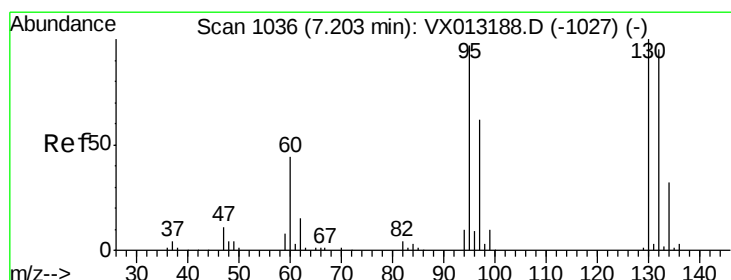
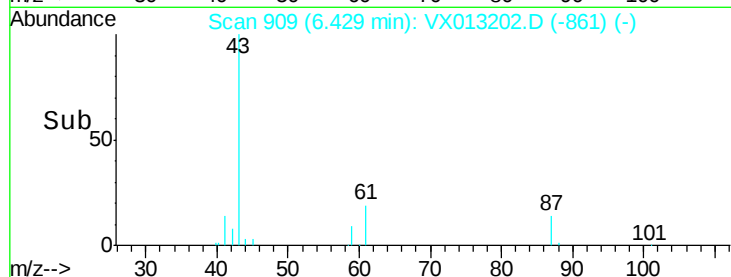
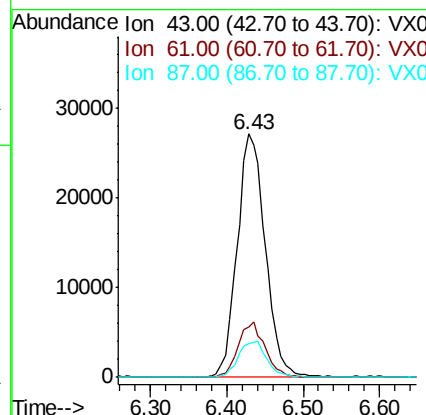
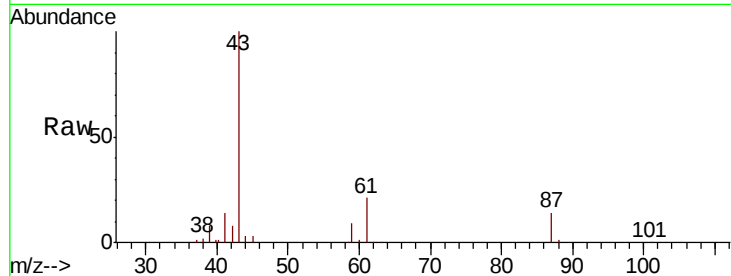
#43
Isopropyl Acetate
Concen: 18.511 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.0	25.4
87	15.2	12.1	18.1

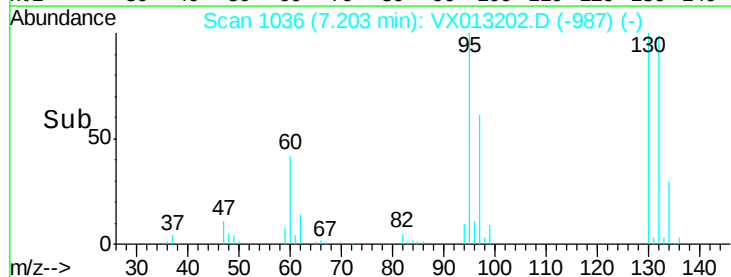
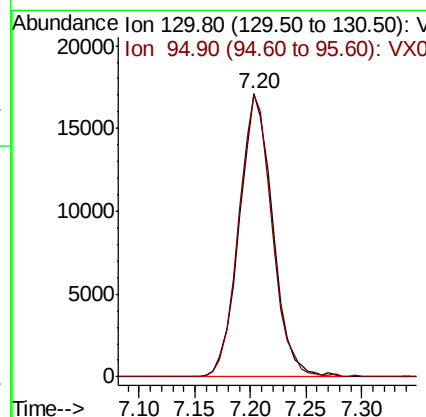
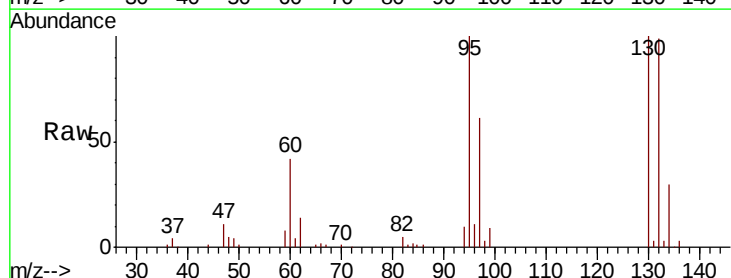
Manual Integrations
APPROVED

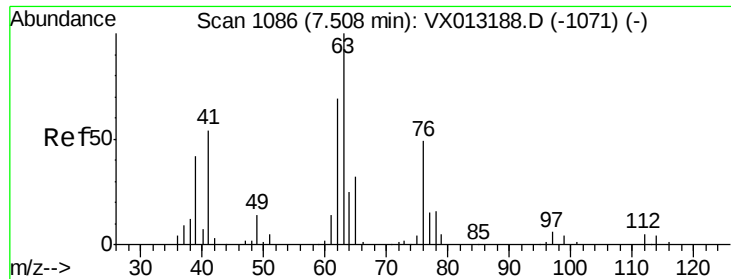
MMDadoda
10/28/2019 12:53:31 PM



#44
Trichloroethene
Concen: 18.470 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	193.6





#45

1,2-Dichloropropane

Concen: 18.303 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 63 Resp: 31048

Ion Ratio Lower Upper

63 100

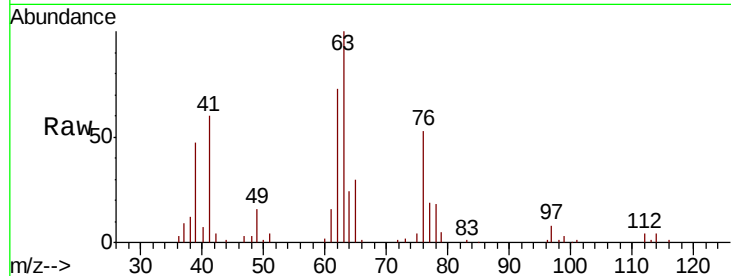
65 30.4 25.3 37.9

Manual Integrations

APPROVED

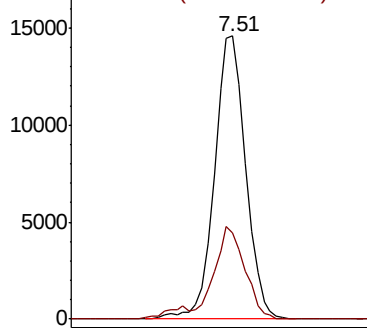
MMDadoda

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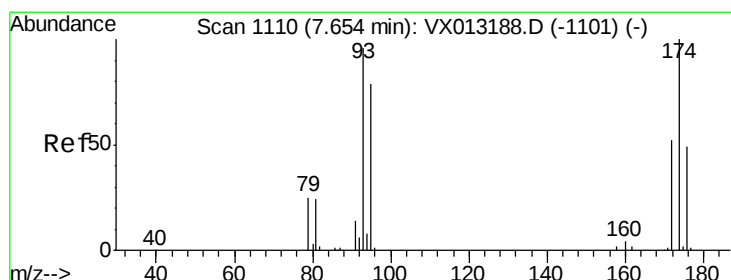
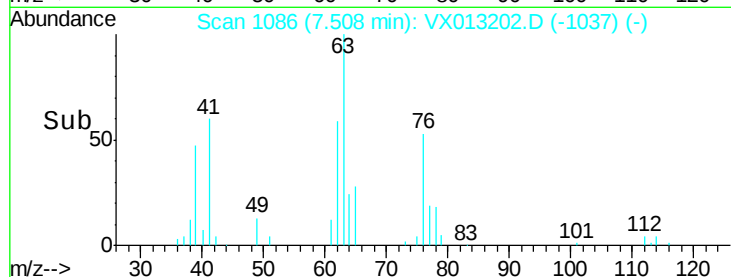


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 18.960 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

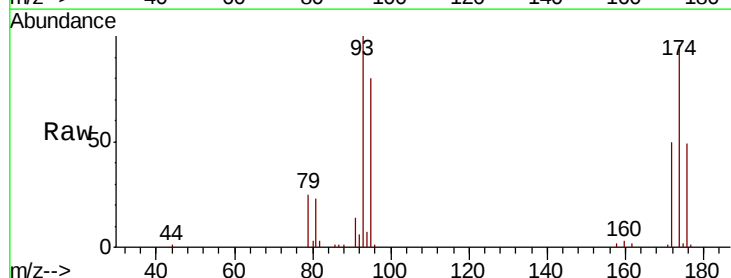
Tgt Ion: 93 Resp: 23172

Ion Ratio Lower Upper

93 100

95 80.2 66.2 99.4

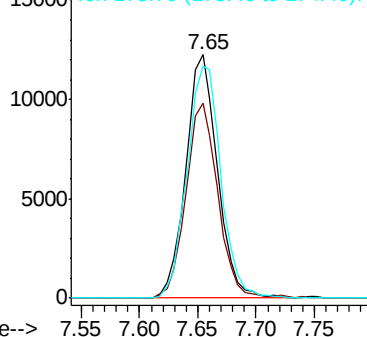
174 102.1 85.2 127.8



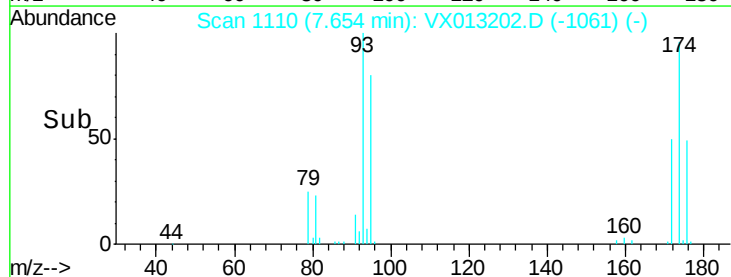
Abundance Ion 92.80 (92.50 to 93.50): VX0

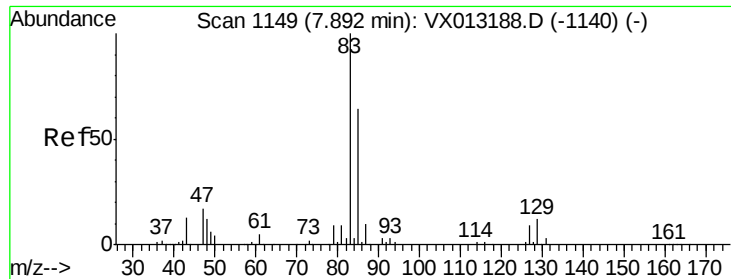
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





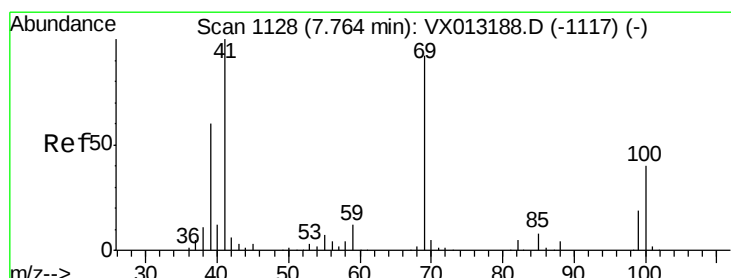
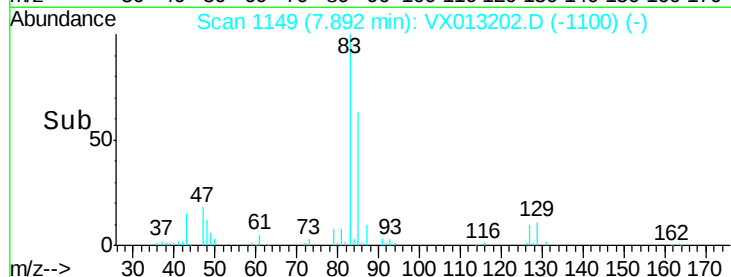
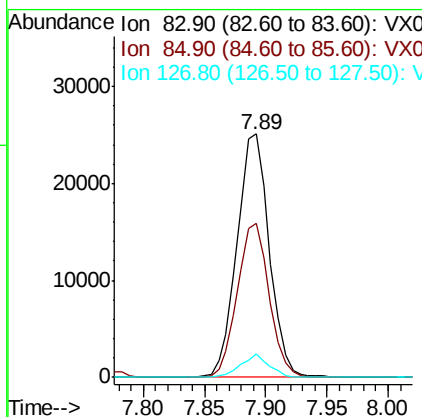
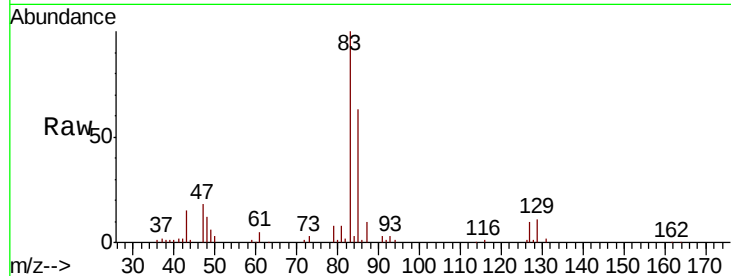
#47
Bromodichloromethane
Concen: 19.239 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	83	Resp	45822
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	51.0	76.6
127	9.7	7.2	10.8

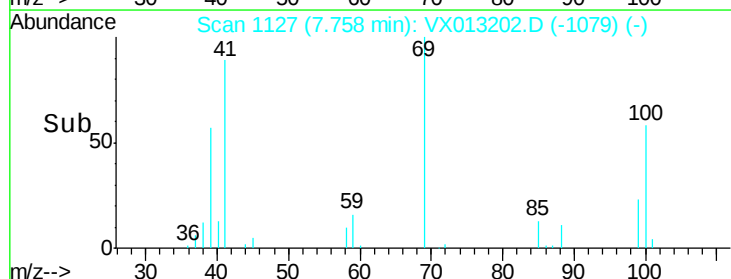
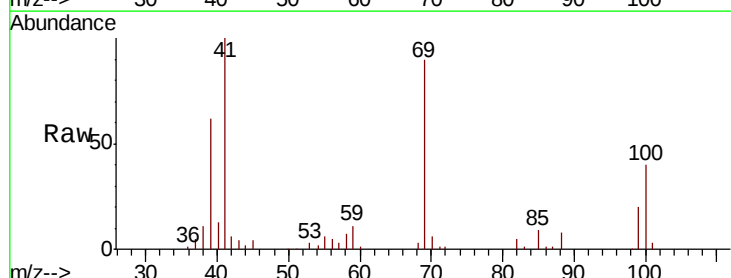
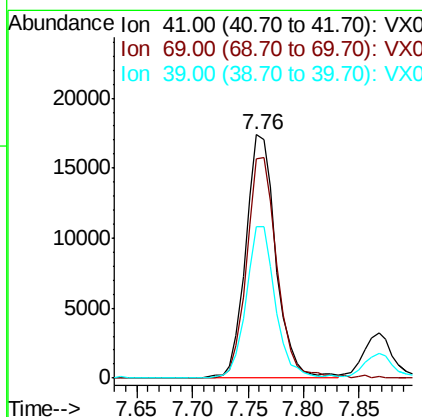
Manual Integrations
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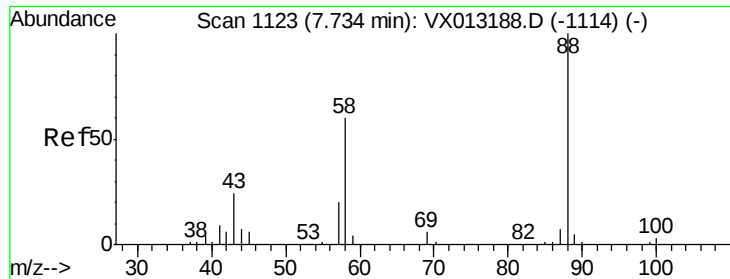
MMDadoda
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#48
Methyl methacrylate
Concen: 17.808 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	41	Resp	32837
Ion Ratio	100	Lower	Upper
41	100		
69	90.7	72.0	108.0
39	60.4	47.4	71.0





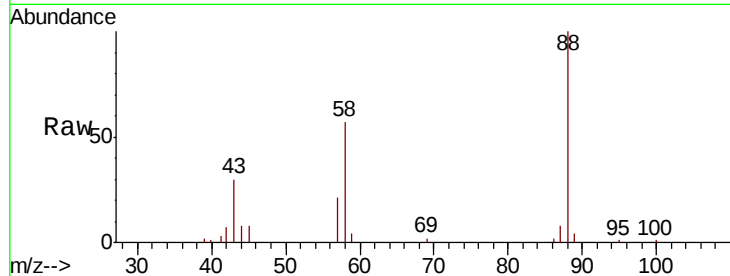
#49
1,4-Dioxane
Concen: 379.290 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	24.5	36.7
58	66.5	54.1	81.1

Manual Integrations
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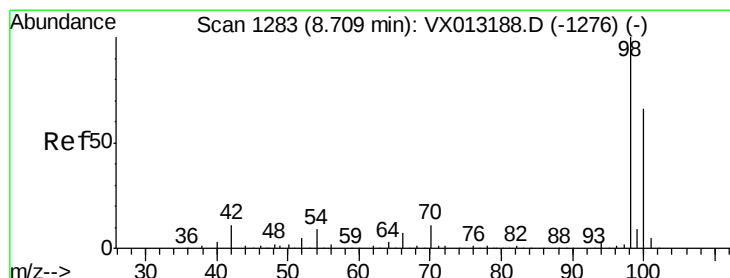
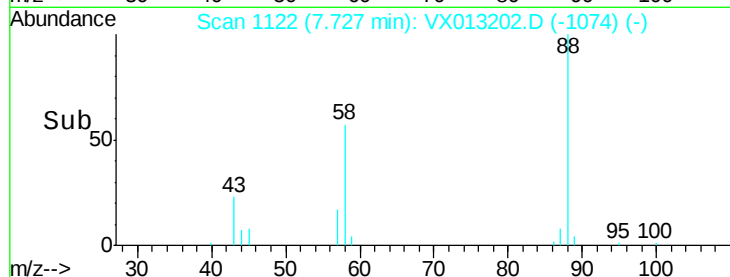
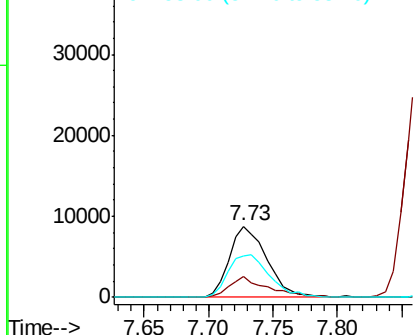


Abundance

Ion 88.00 (87.70 to 88.70): VX0

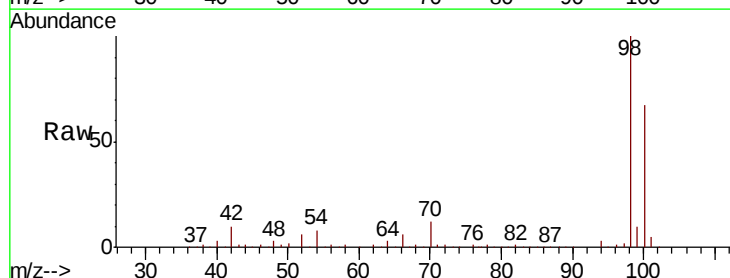
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 48.774 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

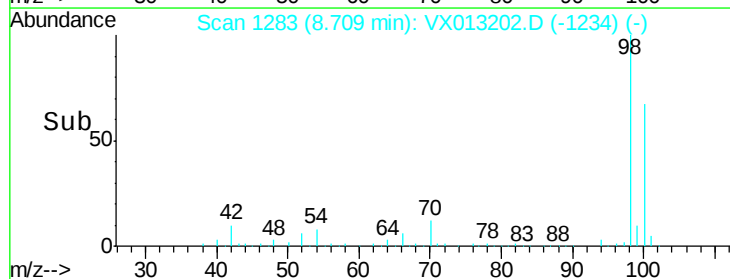
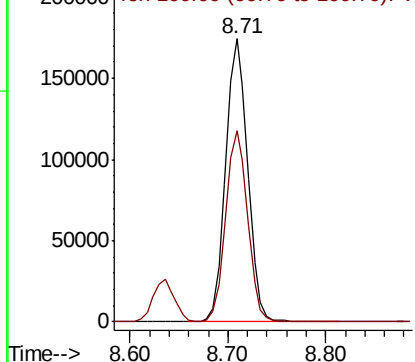
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.3	79.9

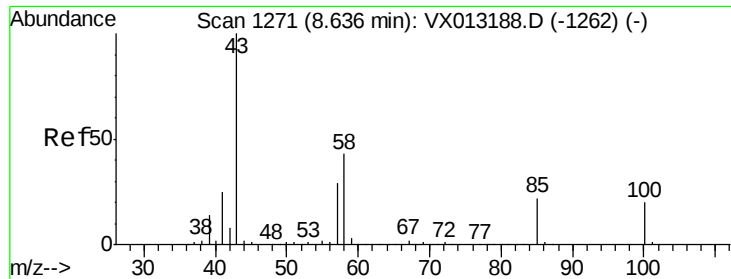


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 92.310 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

ClientSampled :

VX1025WBS01

Tot Ion: 43 Resp: 209910

Ion Ratio Lower Upper

43 100

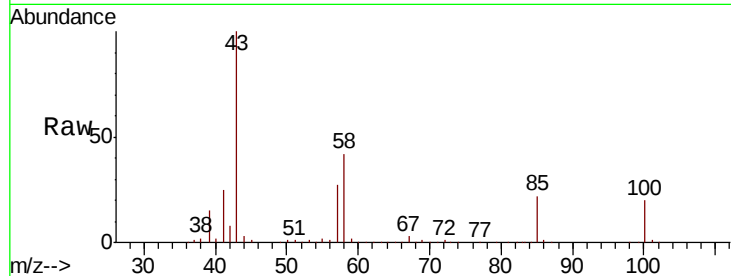
58 41.3 33.9 50.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

150000

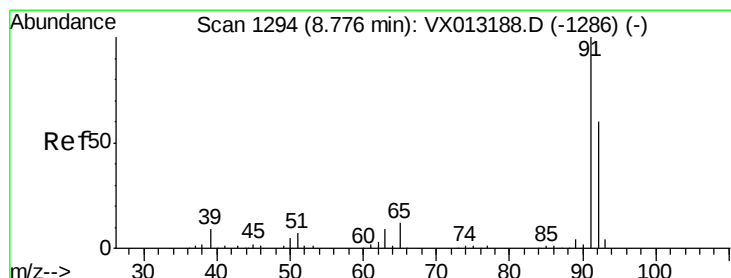
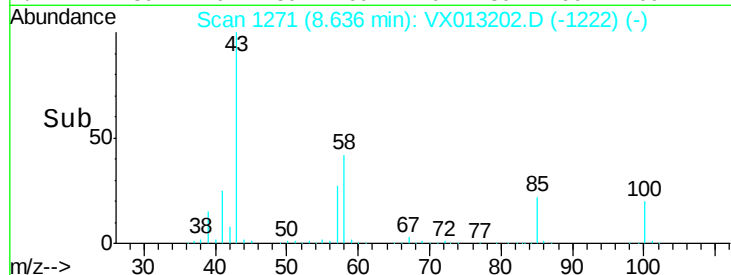
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 18.121 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013202.D

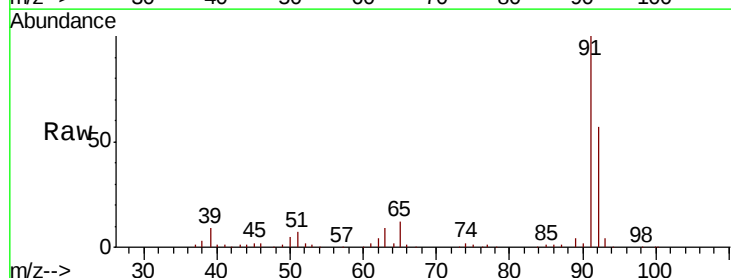
Acq: 24 Oct 2019 11:08

Tgt Ion: 92 Resp: 81335

Ion Ratio Lower Upper

92 100

91 170.6 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

60000

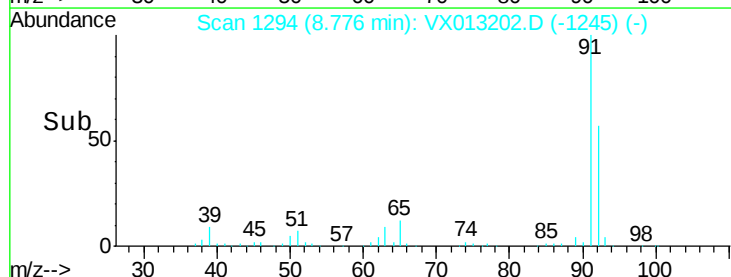
40000

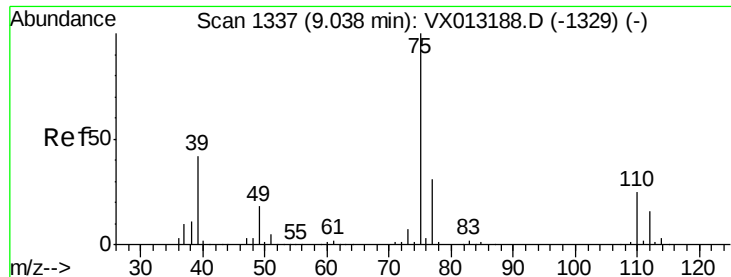
20000

0

8.70 8.80 8.90

Time-->





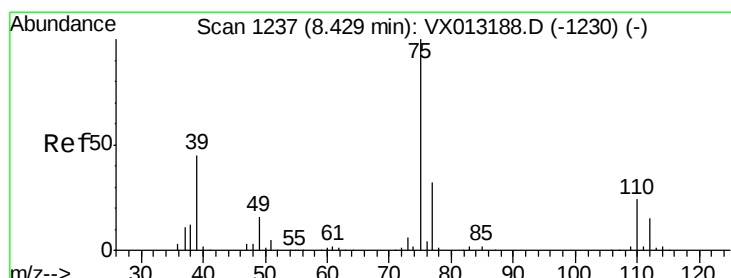
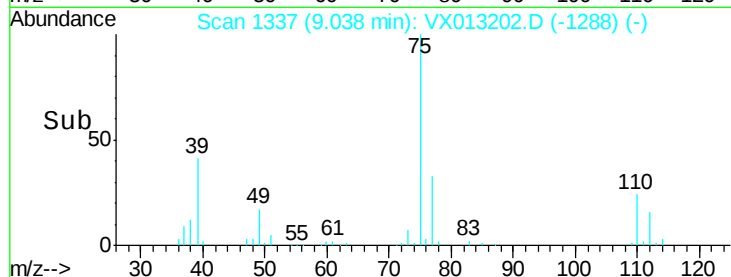
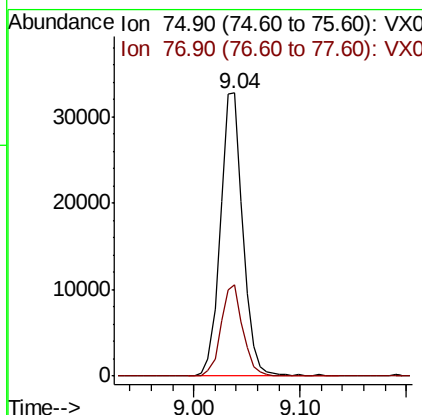
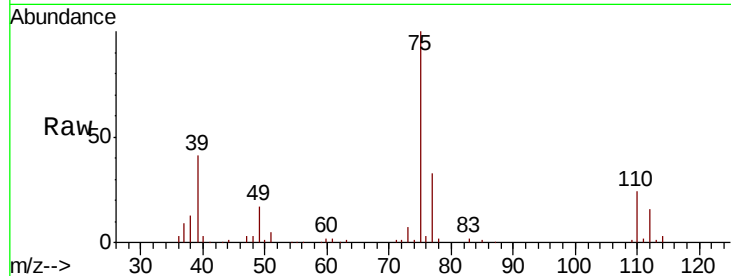
#53
t-1,3-Dichloropropene
Concen: 19.096 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion: 75 Resp: 48333
Ion Ratio Lower Upper
75 100
77 32.5 24.7 37.1

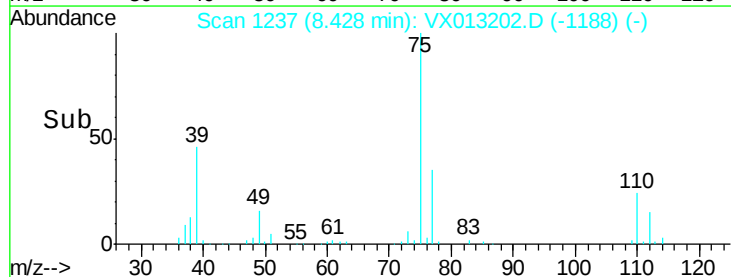
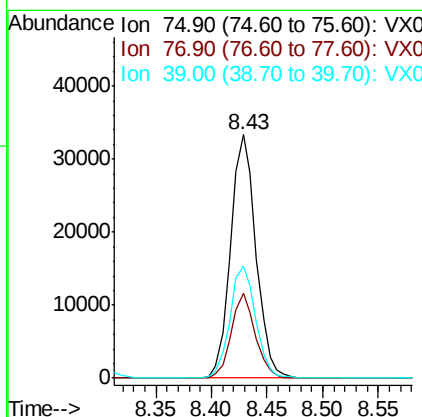
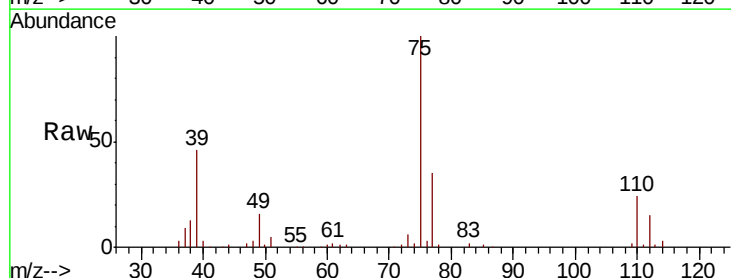
Manual Integrations
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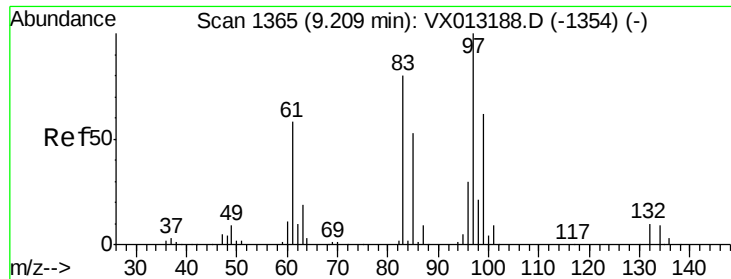
MMDadoda
10/28/2019 12:53:31 PM



#54
cis-1,3-Dichloropropene
Concen: 18.966 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion: 75 Resp: 52513
Ion Ratio Lower Upper
75 100
77 35.0 25.4 38.0
39 45.8 36.2 54.4





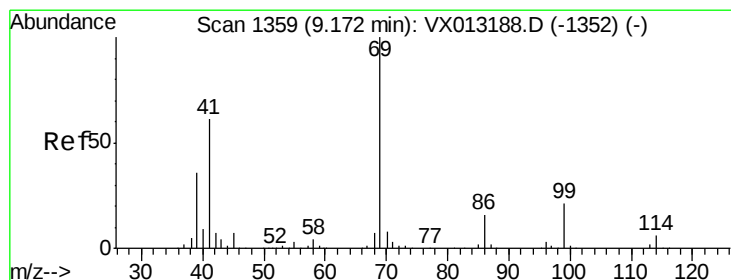
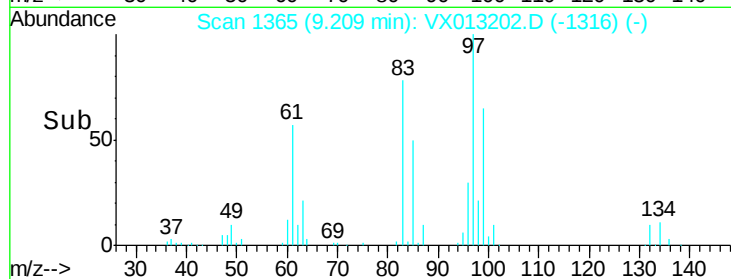
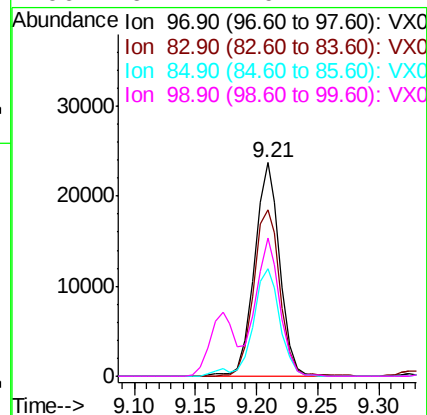
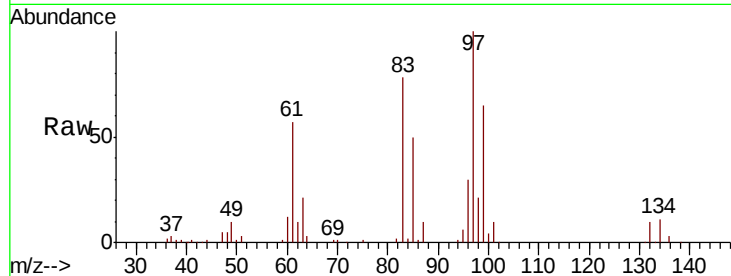
#55
 1,1,2-Trichloroethane
 Concen: 19.232 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion:	97	Resp:	34129
Ion	Ratio	Lower	Upper
97	100		
83	77.9	64.1	96.1
85	50.3	42.1	63.1
99	64.4	49.4	74.2

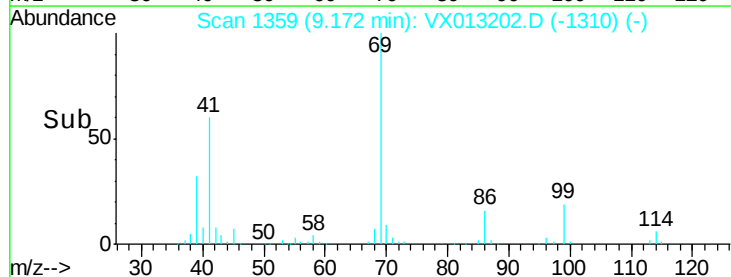
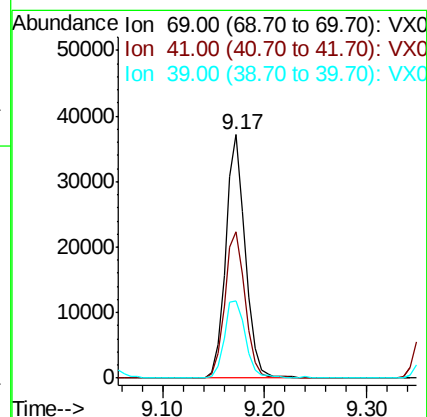
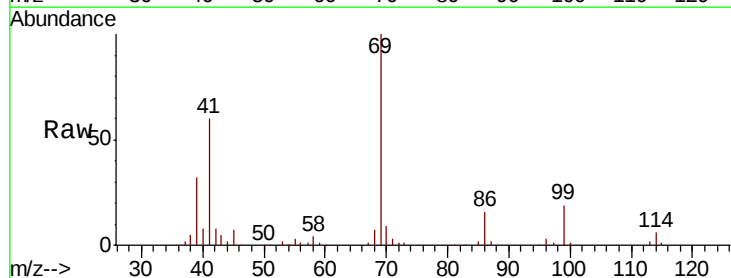
Manual Integrations
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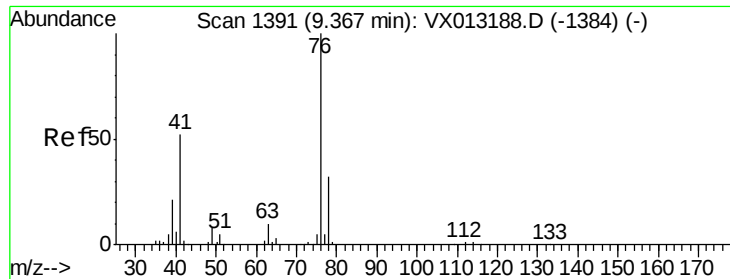
MMDadoda
 10/28/2019 12:53:31 PM



#56
 Ethyl methacrylate
 Concen: 18.608 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Tgt Ion:	69	Resp:	49699
Ion	Ratio	Lower	Upper
69	100		
41	62.9	49.5	74.3
39	34.9	28.3	42.5





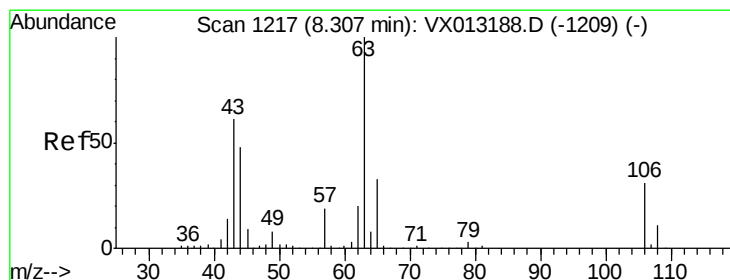
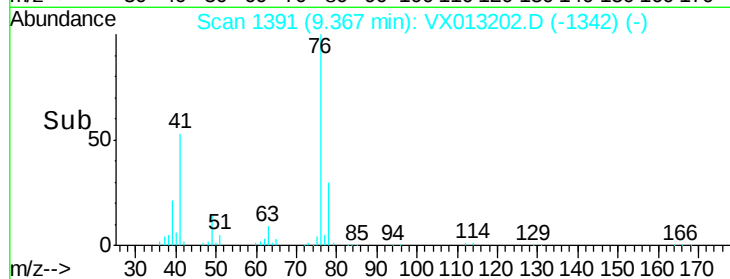
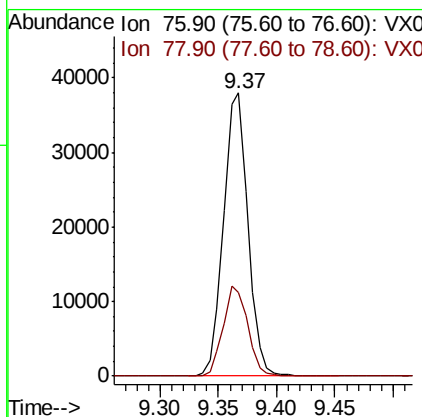
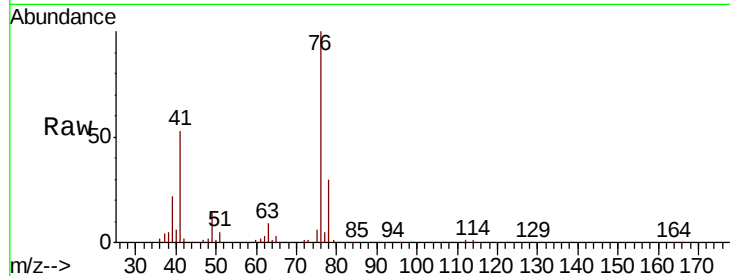
#57
 1,3-Dichloropropane
 Concen: 18.386 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion: 76 Resp: 55053
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1

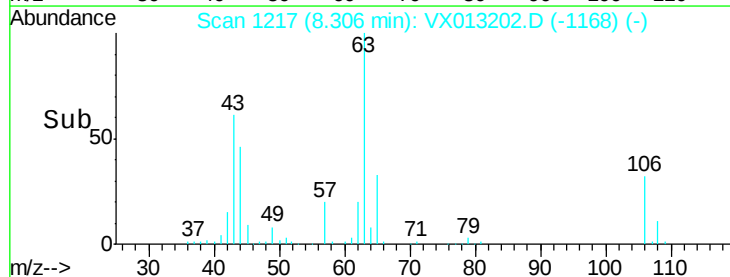
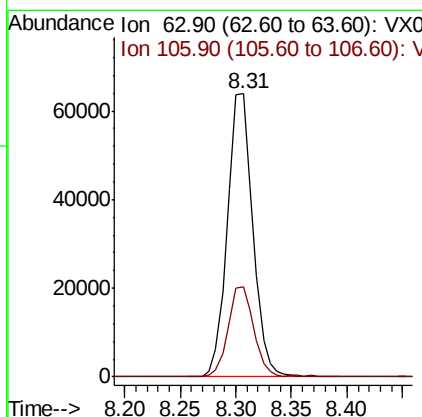
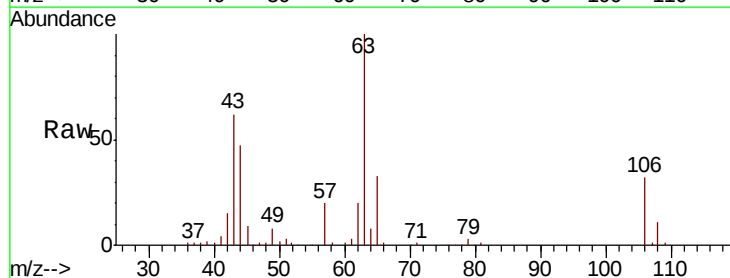
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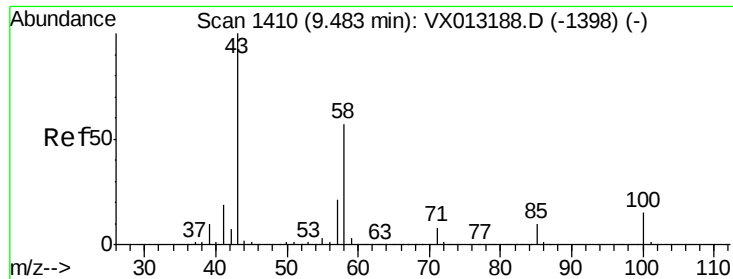
MMDadoda
 10/28/2019 12:53:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.433 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Tgt Ion: 63 Resp: 101540
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.4 38.0





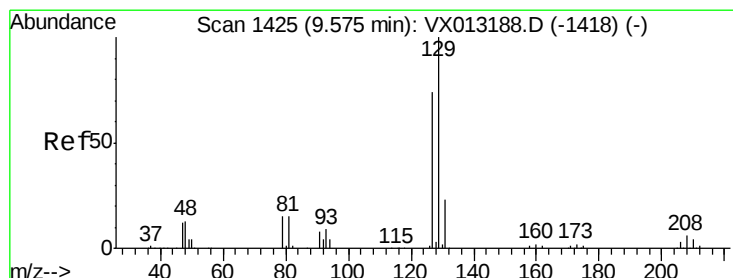
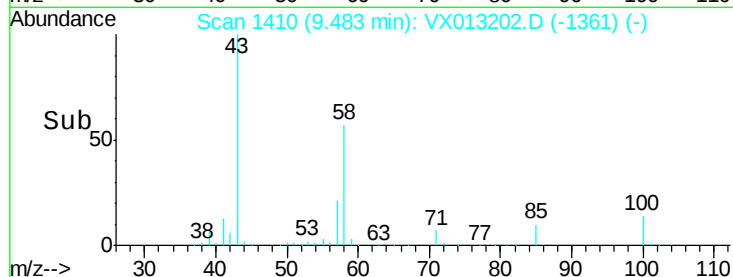
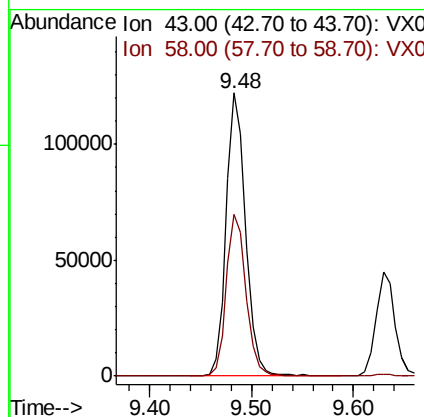
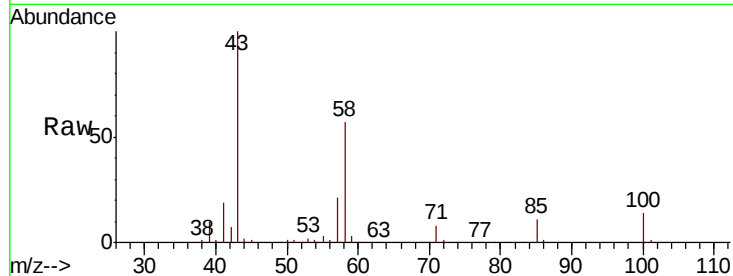
#59
2-Hexanone
Concen: 92.542 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion: 43 Resp: 162100
Ion Ratio Lower Upper
43 100
58 58.2 28.2 84.7

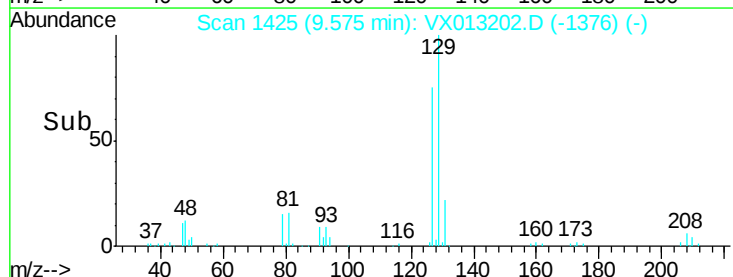
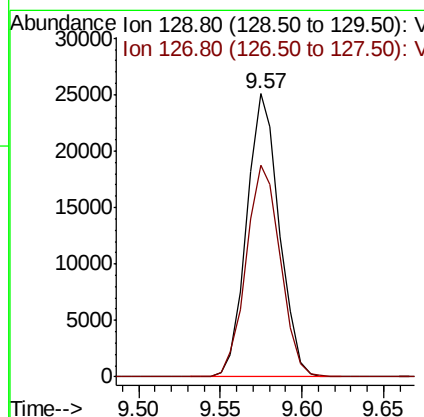
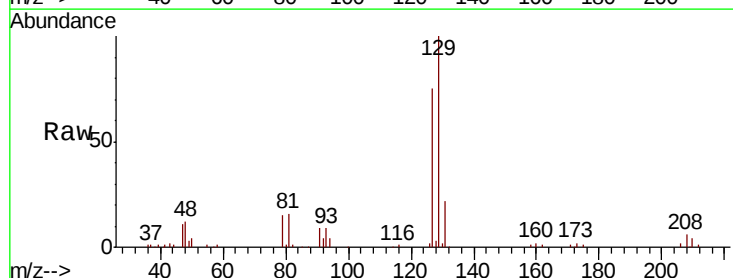
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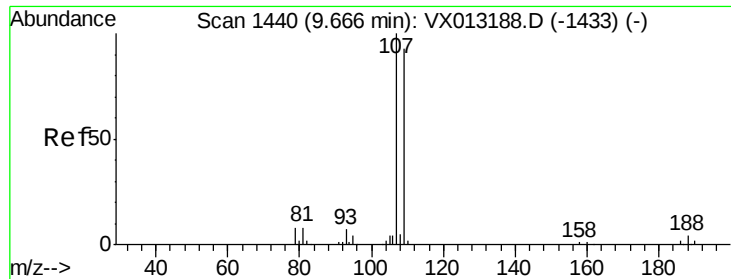
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#60
Dibromochloromethane
Concen: 18.756 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion: 129 Resp: 34877
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6





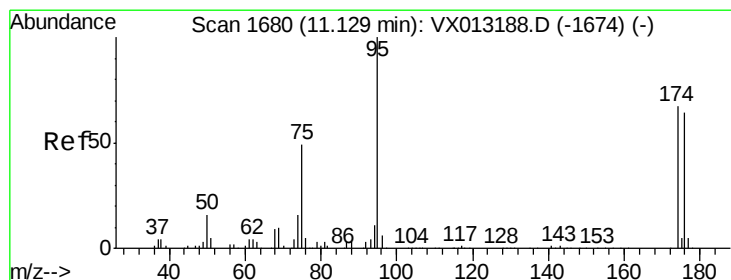
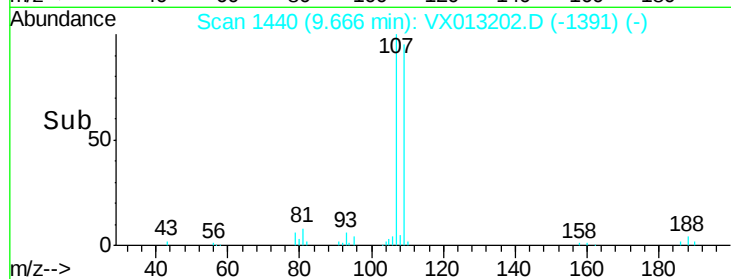
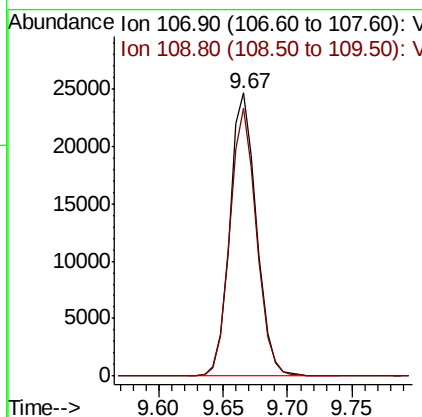
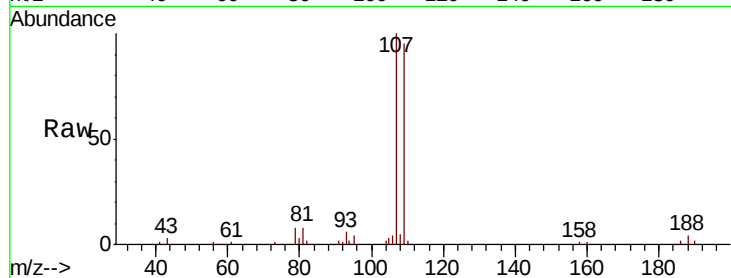
#61
 1,2-Dibromoethane
 Concen: 18.934 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion: 107 Resp: 35669
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.7 113.5

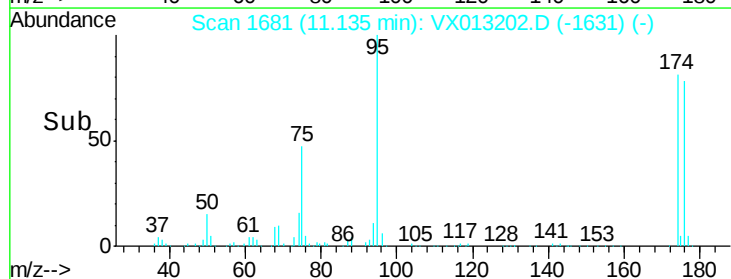
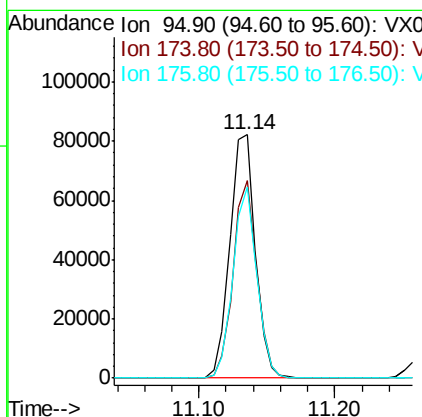
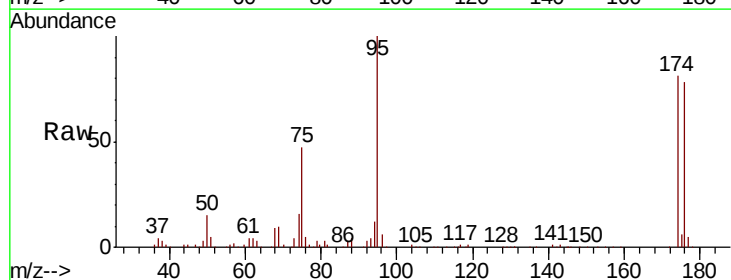
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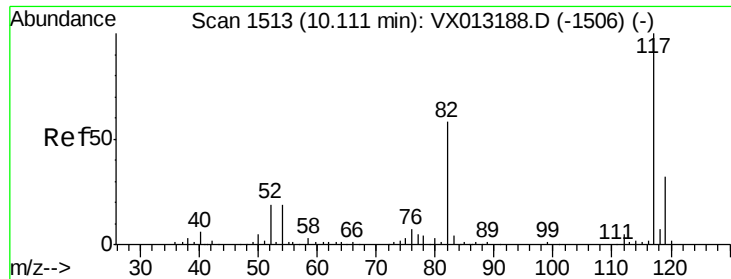
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 48.563 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Tgt Ion: 95 Resp: 107109
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 152.4
 176 73.5 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

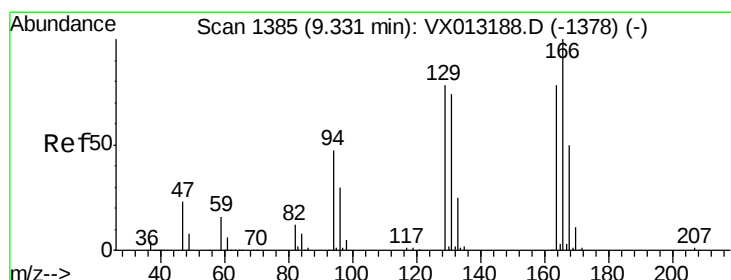
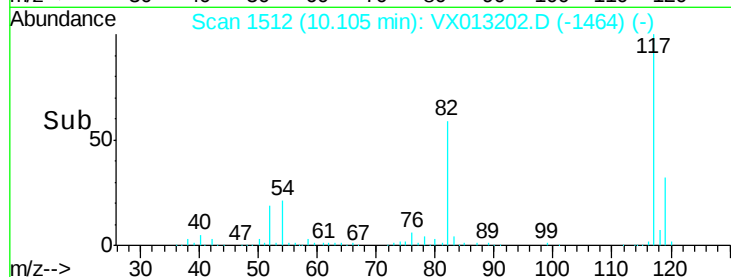
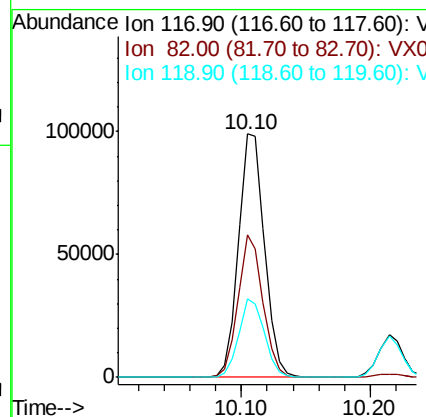
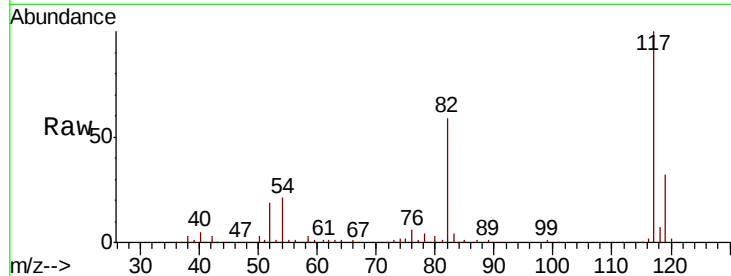
ClientSampleId :

VX1025WBS01

Tot Ion:	117	Resp:	139310
Ion Ratio	Lower	Upper	
117	100		
82	58.6	46.5	69.7
119	32.1	25.2	37.8

Manual Integrations
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#64

Tetrachloroethene

Concen: 19.728 ug/l

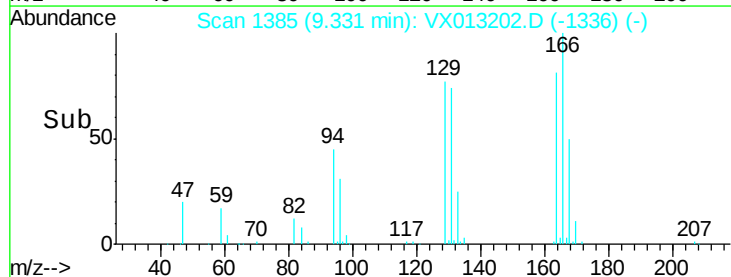
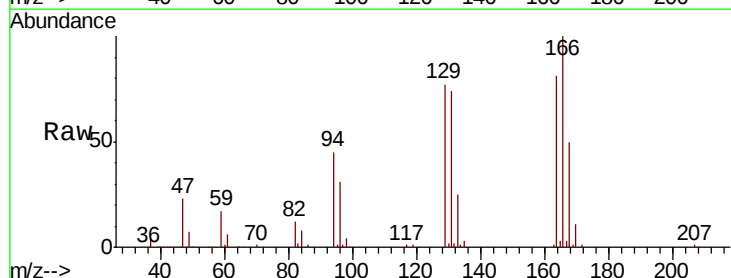
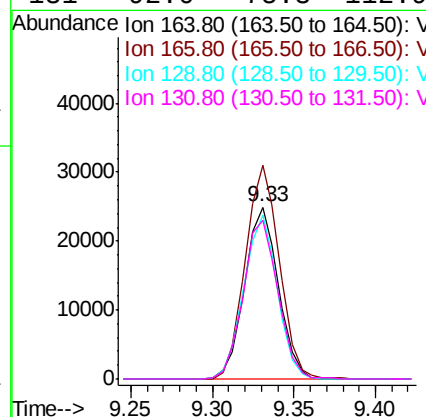
RT: 9.33 min Scan# 1385

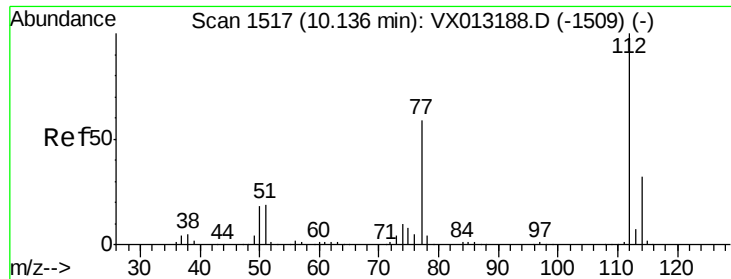
Delta R.T. 0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Tgt Ion:	164	Resp:	35916
Ion Ratio	Lower	Upper	
164	100		
166	124.1	102.2	153.4
129	95.5	79.8	119.8
131	92.0	75.3	112.9





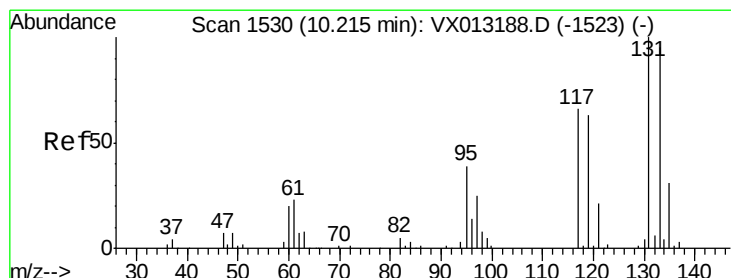
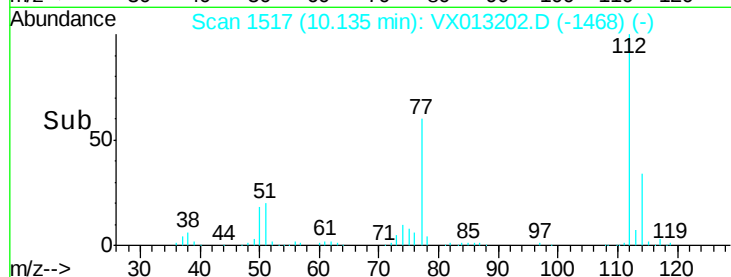
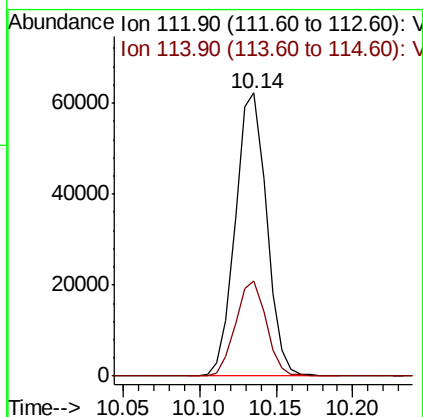
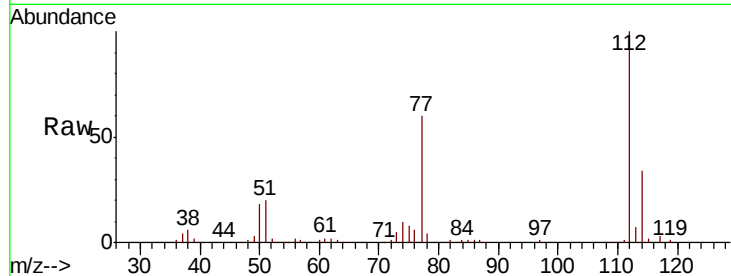
#65
Chlorobenzene
Concen: 18.163 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion:112 Resp: 88573
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.8

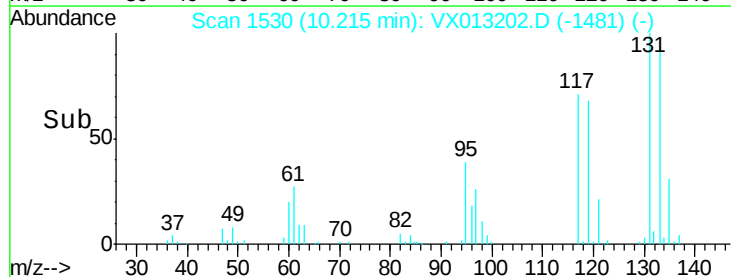
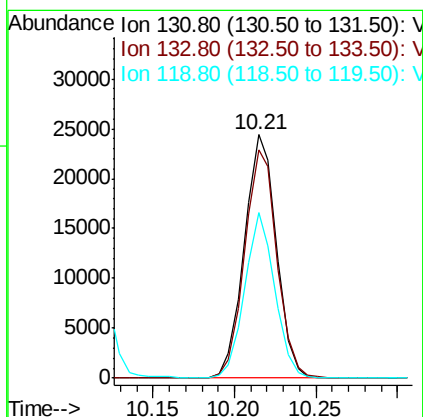
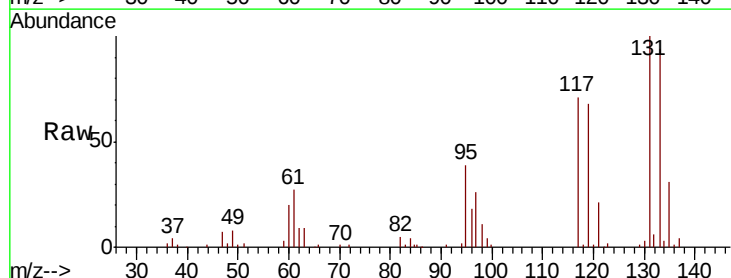
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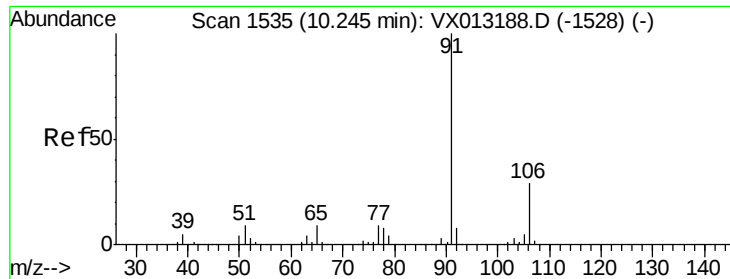
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.543 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion:131 Resp: 33406
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.2
119 63.9 32.4 97.0





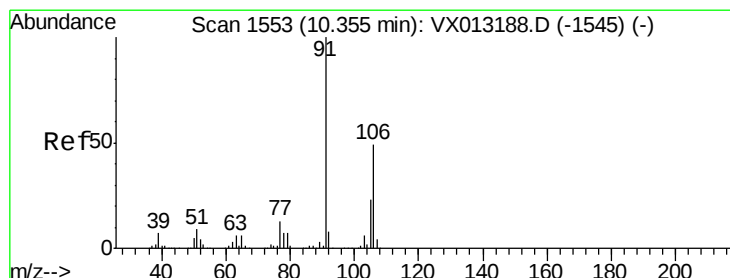
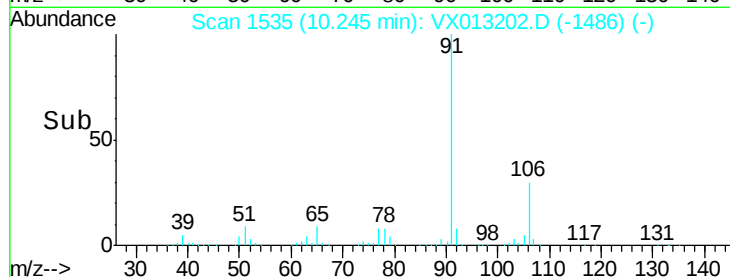
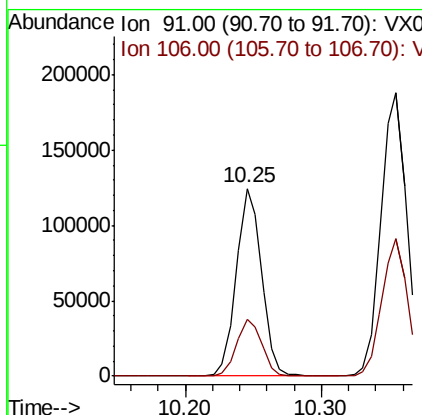
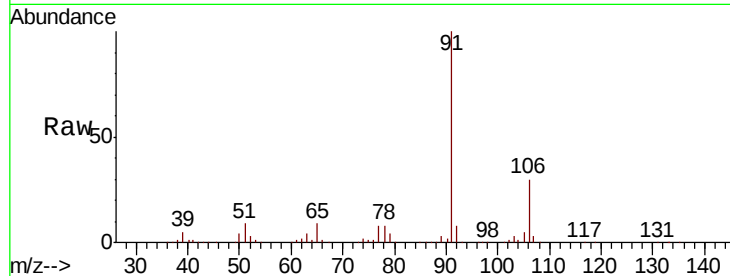
#67
Ethyl Benzene
Concen: 18.391 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion: 91 Resp: 160560
Ion Ratio Lower Upper
91 100
106 30.3 23.5 35.3

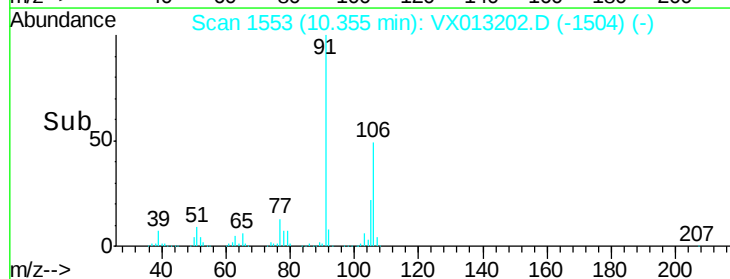
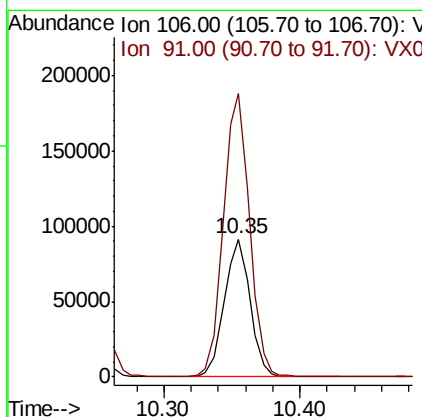
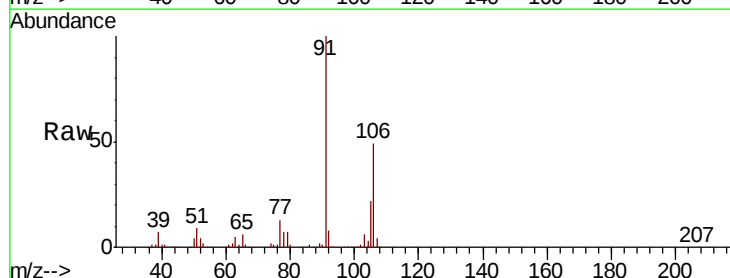
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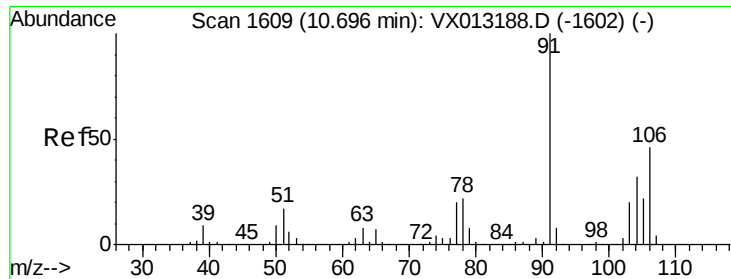
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10/28/2019 12:53:31 PM



#68
m/p-Xylenes
Concen: 36.403 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion: 106 Resp: 120105
Ion Ratio Lower Upper
106 100
91 207.9 166.8 250.2





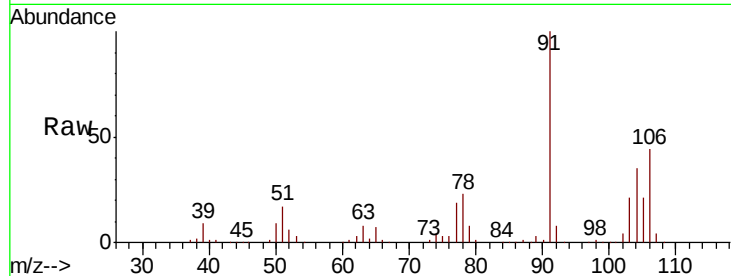
#69
o-Xylene
Concen: 18.230 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampled :
VX1025WBS01

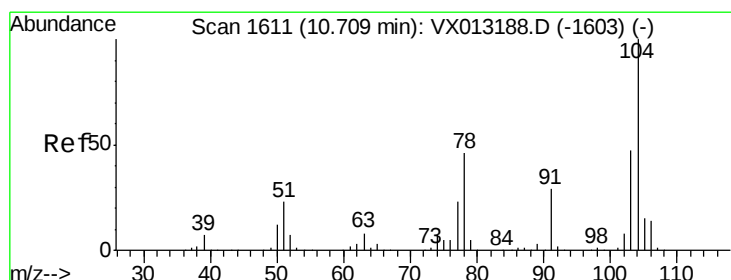
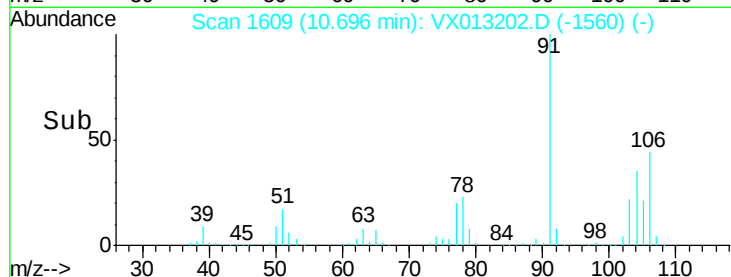
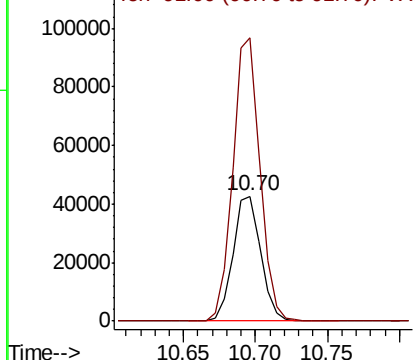
Tot Ion:106 Resp: 57697
Ion Ratio Lower Upper
106 100
91 221.6 110.7 331.9

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10/28/2019 12:53:31 PM

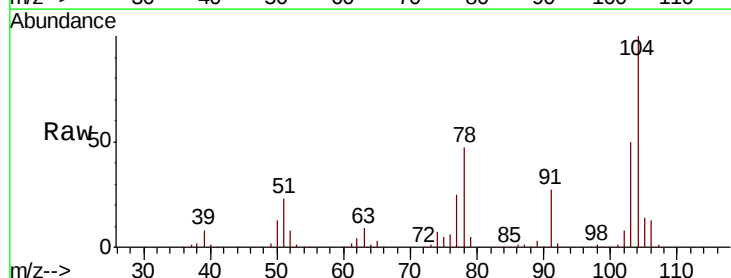


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

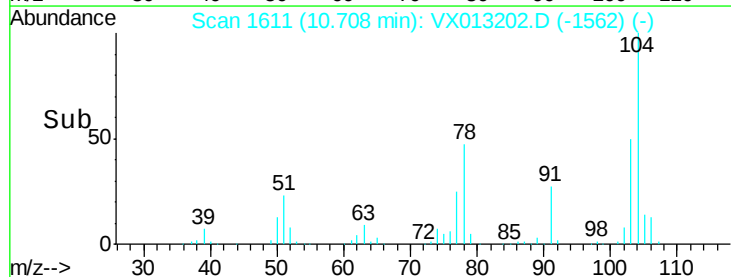
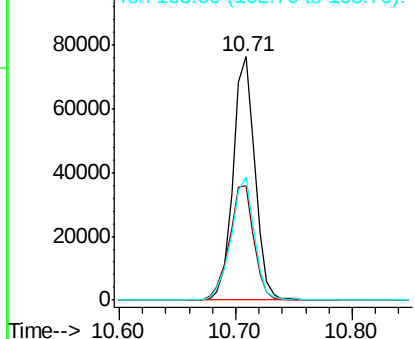


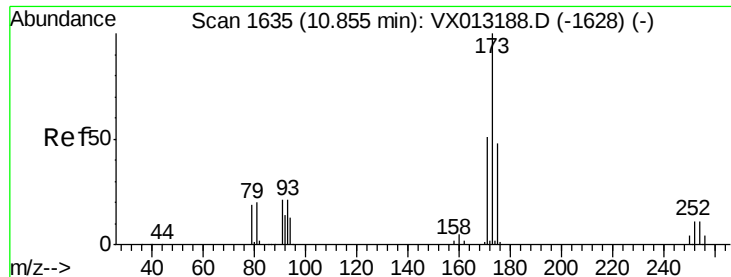
#70
Styrene
Concen: 18.394 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion:104 Resp: 100242
Ion Ratio Lower Upper
104 100
78 53.0 42.2 63.4
103 53.7 42.8 64.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.543 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion:173 Resp: 24409

Ion Ratio Lower Upper

173 100

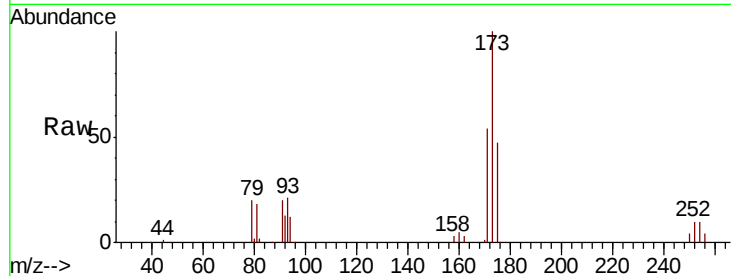
175 49.2 24.3 72.8

254 0.0 0.1 0.1#

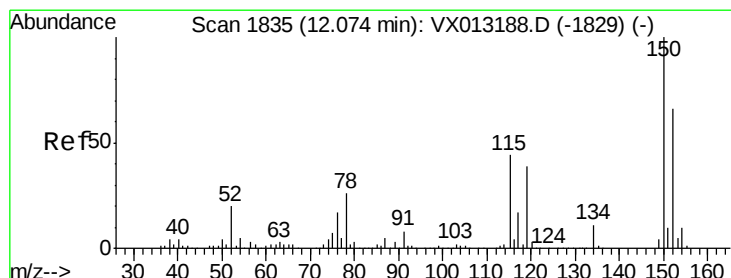
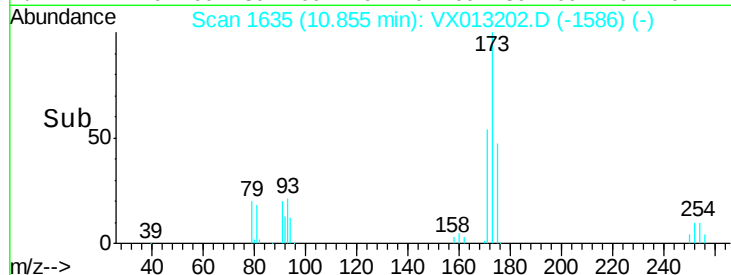
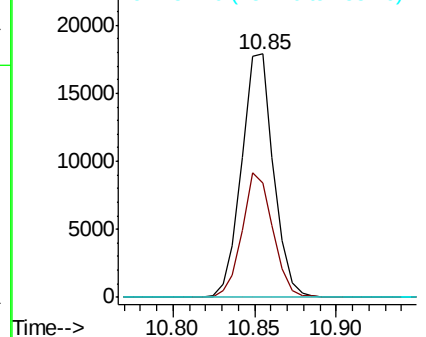
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

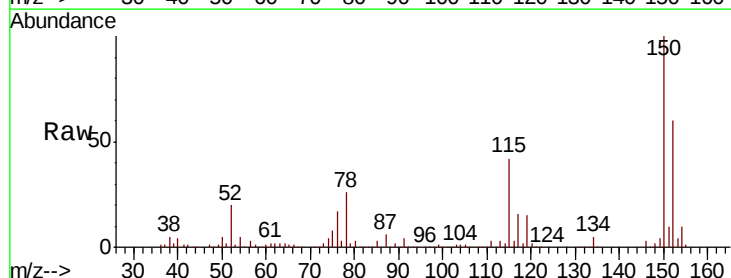
Tgt Ion:152 Resp: 91480

Ion Ratio Lower Upper

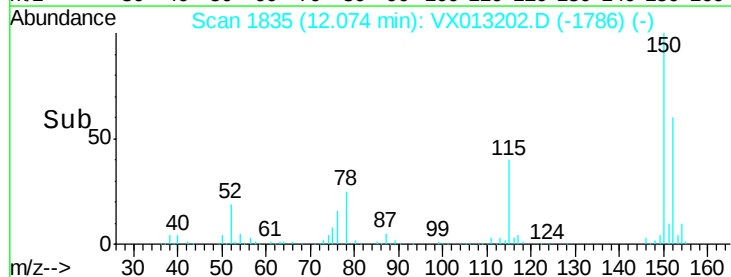
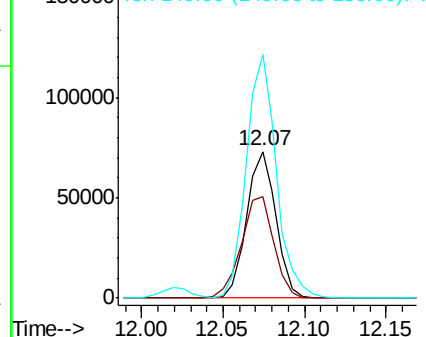
152 100

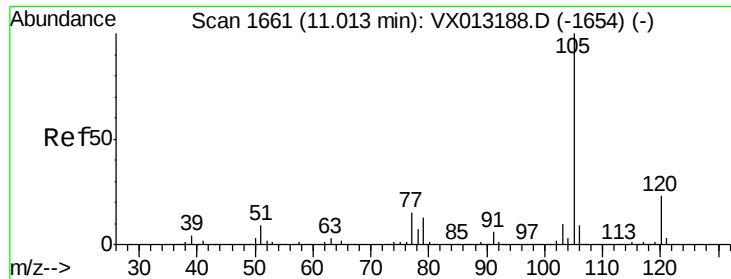
115 77.2 46.6 139.8

150 170.6 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.413 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion: 105 Resp: 161268

Ion Ratio Lower Upper

105 100

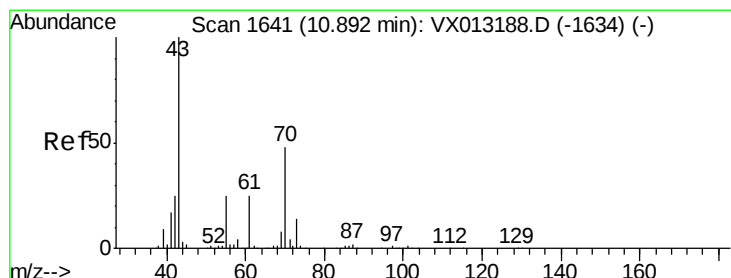
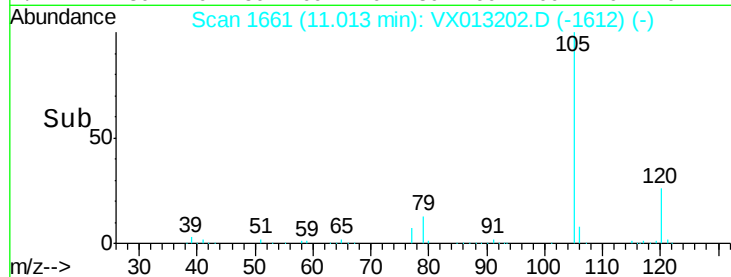
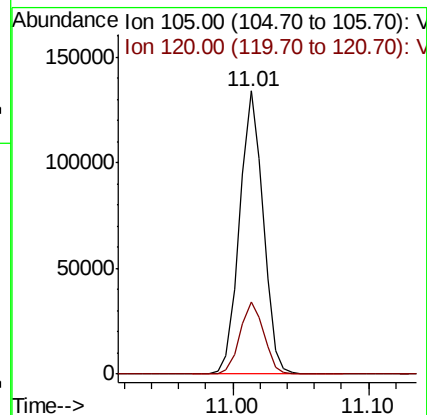
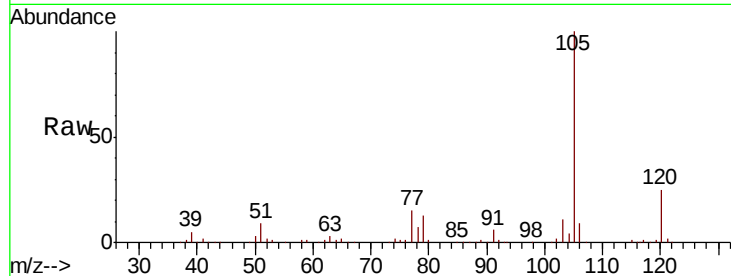
120 25.7 12.6 37.8

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#74

N-ethyl acetate

Concen: 18.422 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Tgt Ion: 43 Resp: 56168

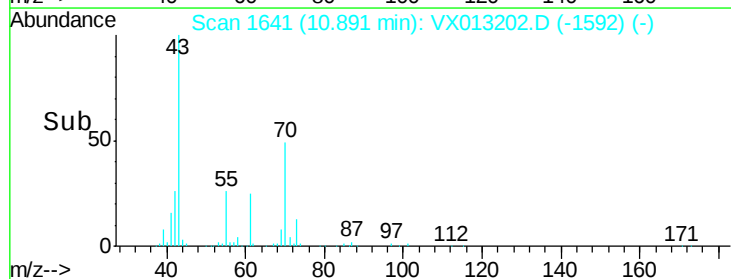
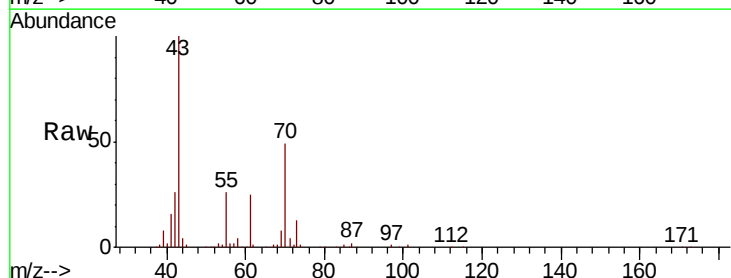
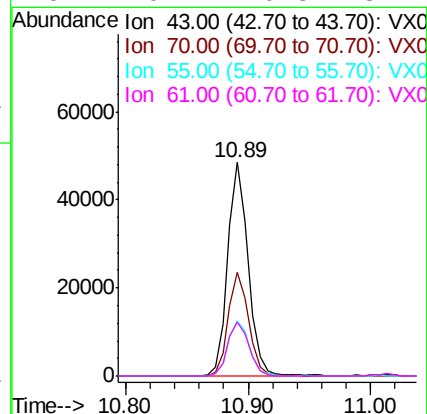
Ion Ratio Lower Upper

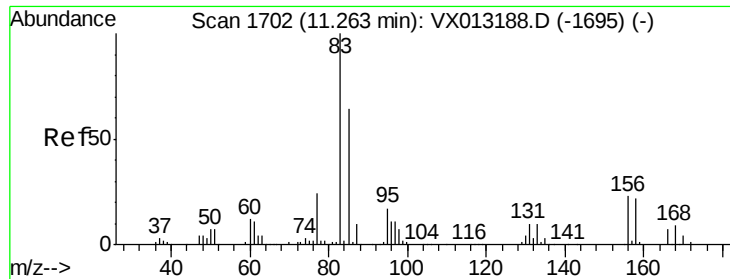
43 100

70 48.7 38.5 57.7

55 27.1 20.7 31.1

61 26.4 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.968 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

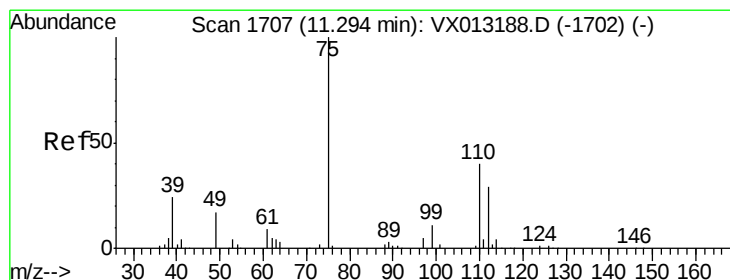
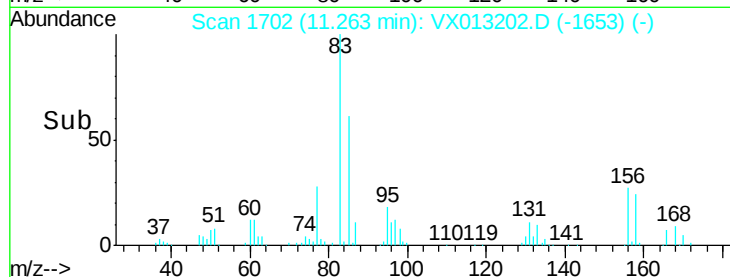
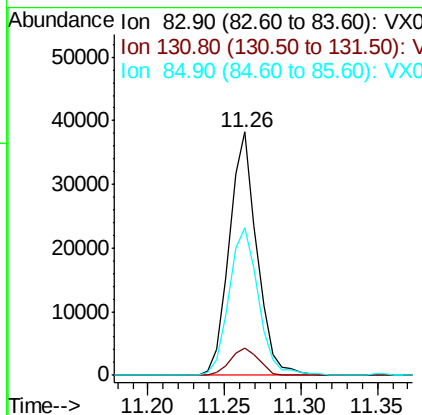
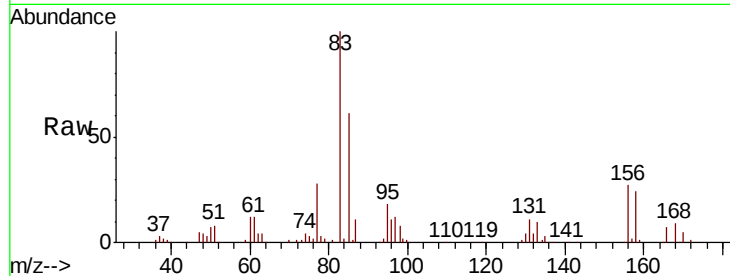
ClientSampleId :

VX1025WBS01

Tot Ion:	83	Resp:	47845
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.3	16.1
85	64.7	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 20.901 ug/l m

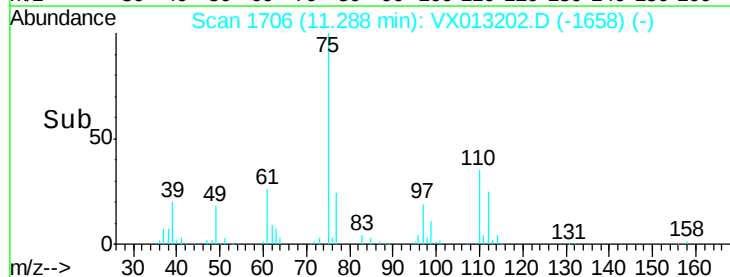
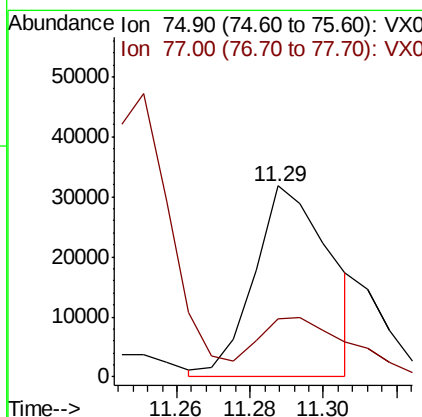
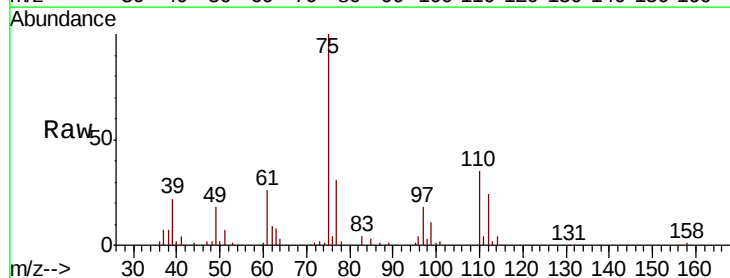
RT: 11.29 min Scan# 1706

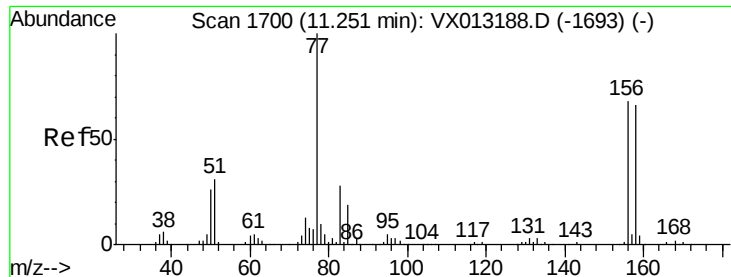
Delta R.T. -0.01 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Tgt Ion:	75	Resp:	46083
Ion Ratio	Lower	Upper	
75	100		
77	37.8	19.1	57.5





#77

Bromobenzene

Concen: 19.140 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion:156 Resp: 38109

Ion Ratio Lower Upper

156 100

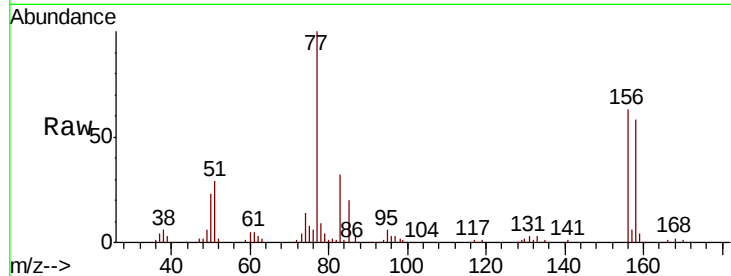
77 161.3 81.7 245.1

158 96.0 49.6 148.8

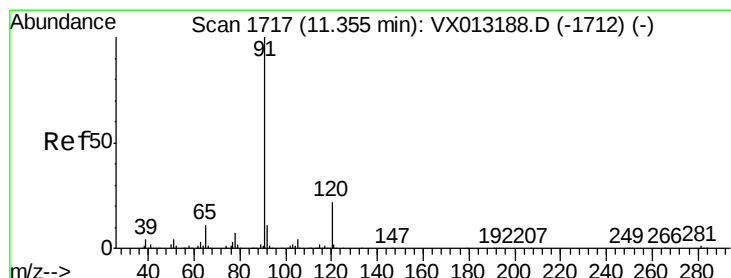
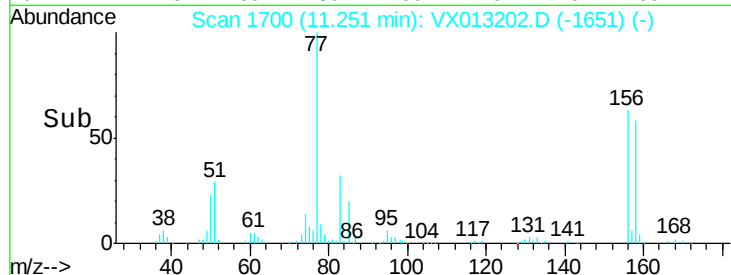
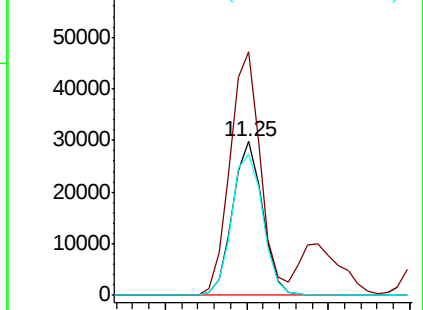
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.226 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013202.D

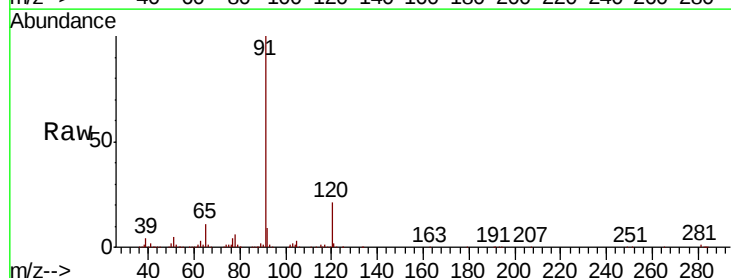
Acq: 24 Oct 2019 11:08

Tgt Ion: 91 Resp: 173493

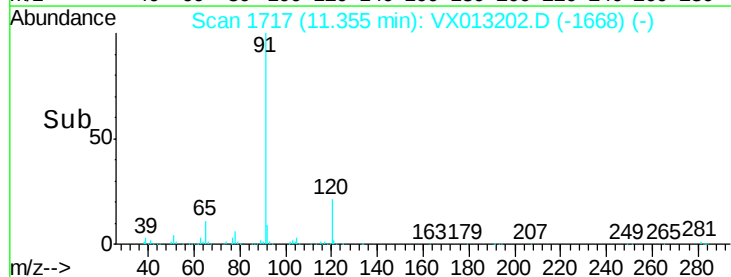
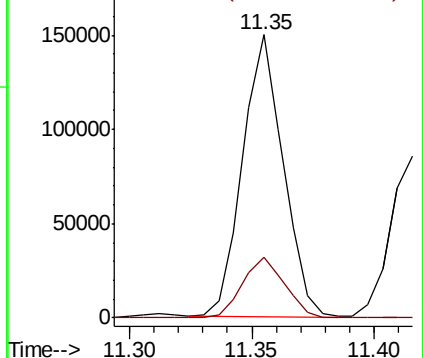
Ion Ratio Lower Upper

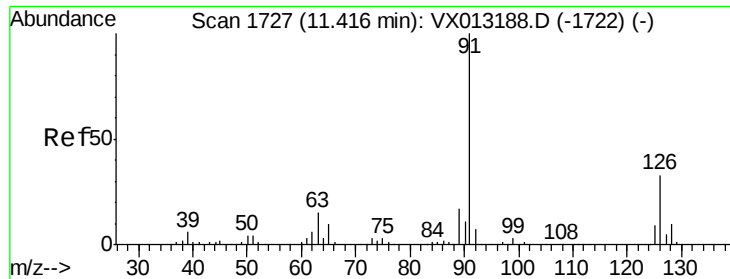
91 100

120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





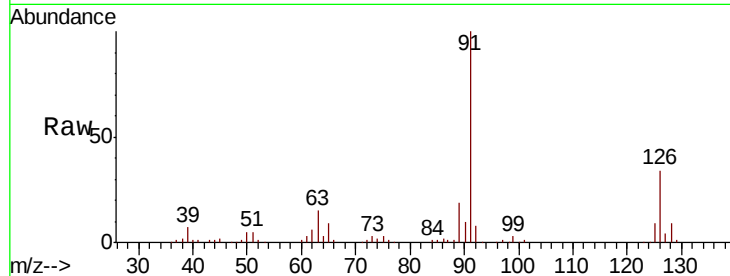
#79
2-Chlorotoluene
Concen: 18.613 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

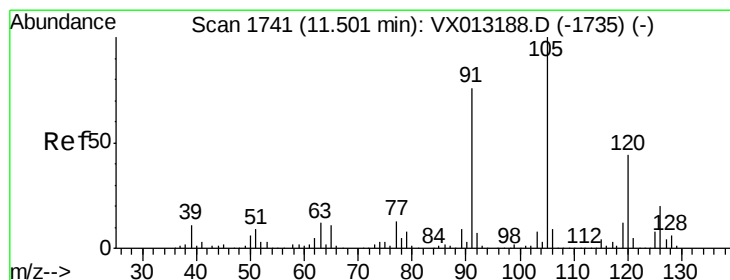
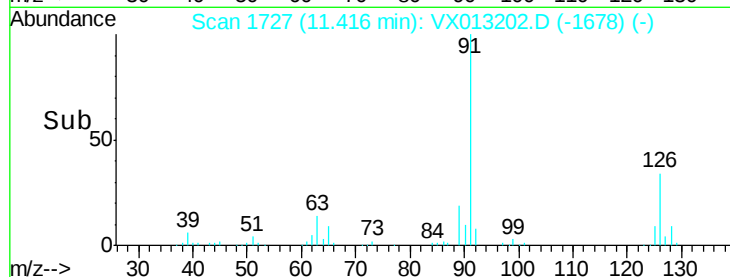
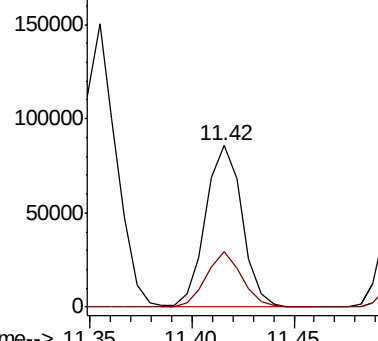
Tot Ion: 91 Resp: 106118
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

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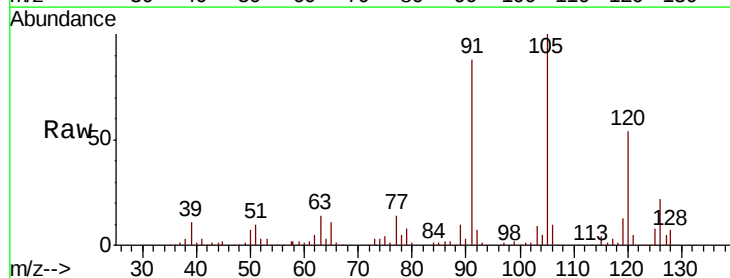


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

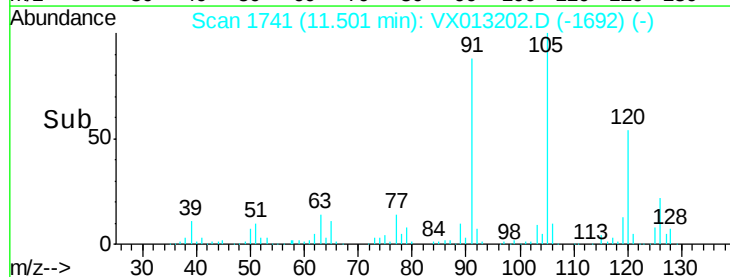
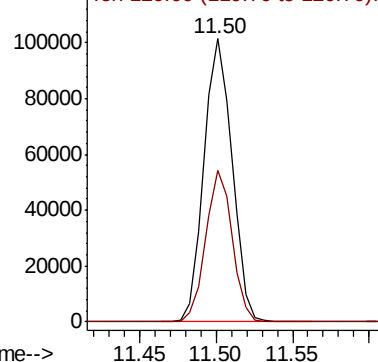


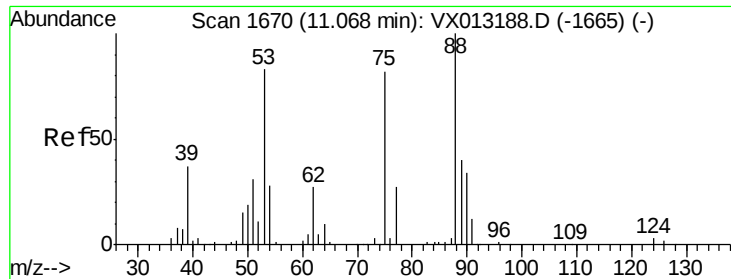
#80
1,3,5-Trimethylbenzene
Concen: 18.677 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion: 105 Resp: 128959
Ion Ratio Lower Upper
105 100
120 50.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





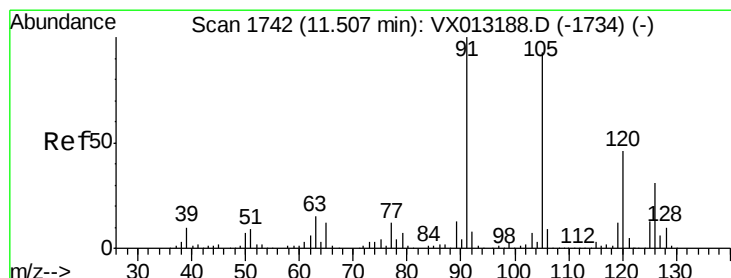
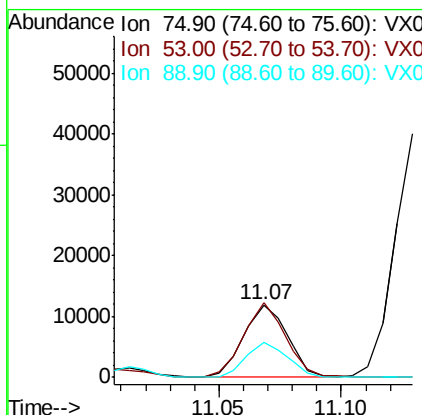
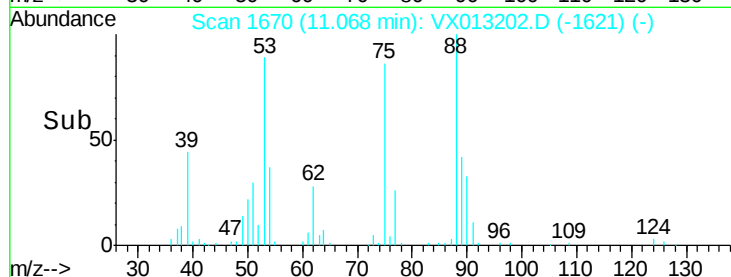
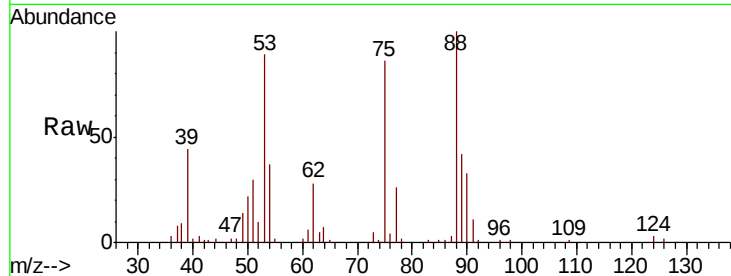
#81
trans-1,4-Dichloro-2-butene
Concen: 18.751 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.4	77.9	116.9
89	45.9	37.3	55.9

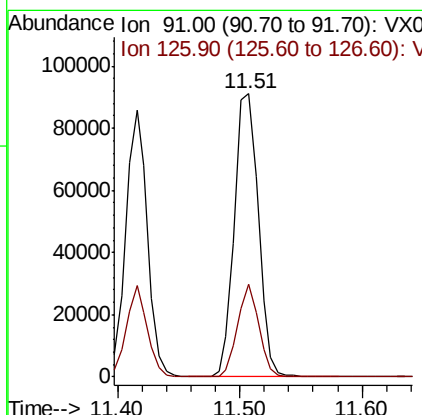
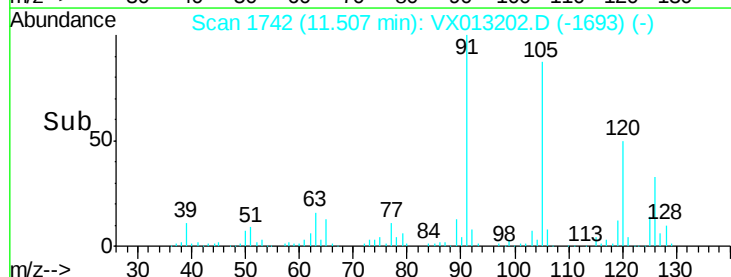
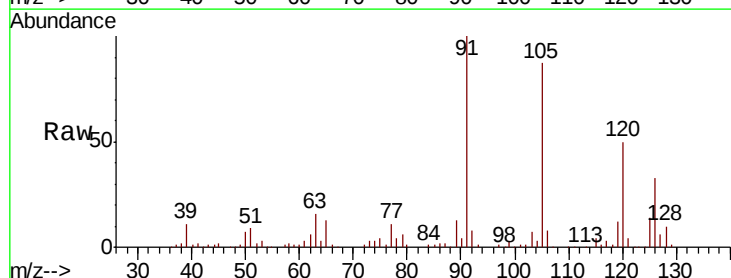
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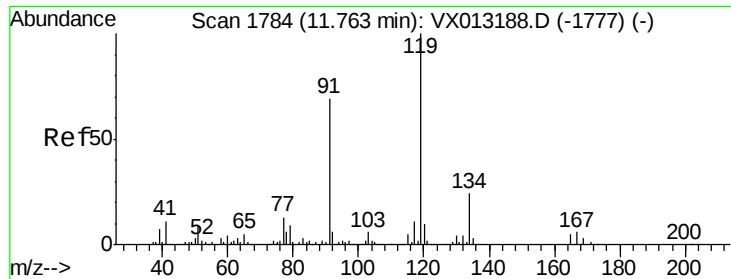
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#82
4-Chlorotoluene
Concen: 19.082 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.6	44.0





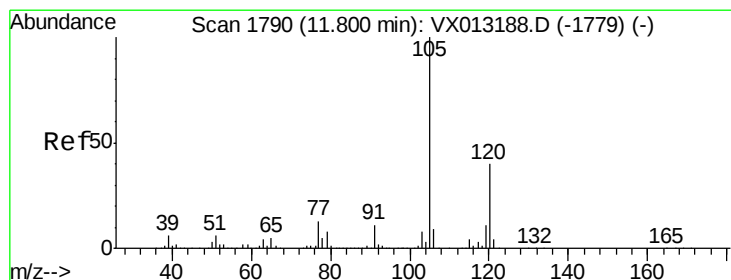
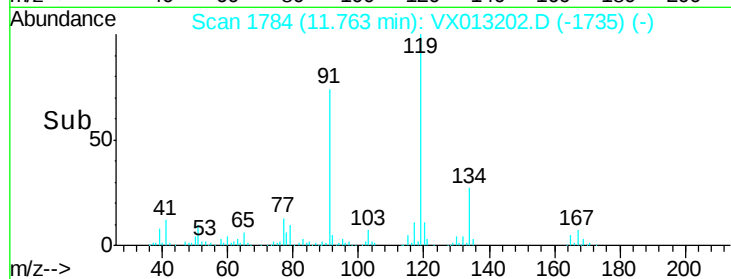
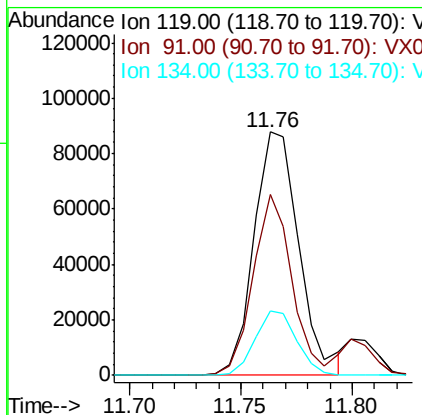
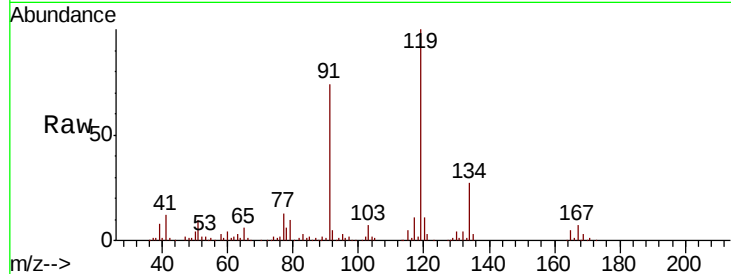
#83
tert-Butylbenzene
Concen: 18.124 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.9	30.8	92.4
134	24.5	11.5	34.5

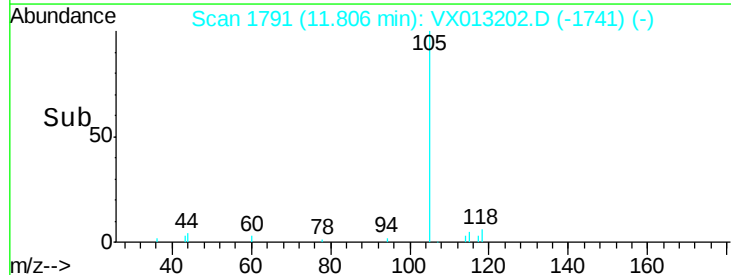
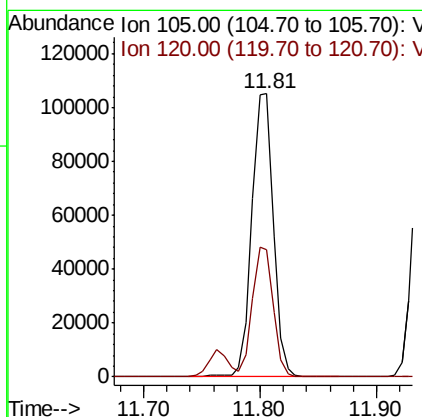
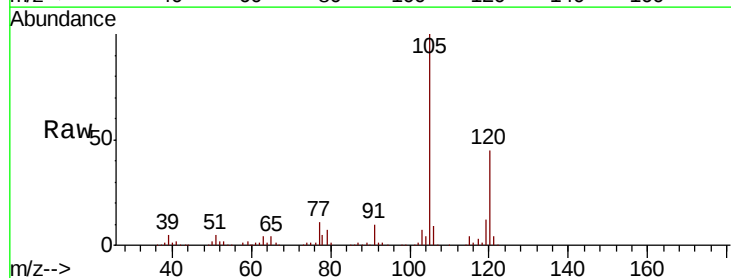
Manual Integrations
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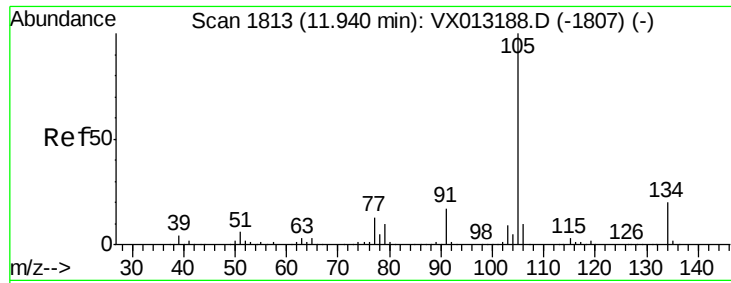
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#84
1,2,4-Trimethylbenzene
Concen: 19.622 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	21.4	64.3





#85

sec-Butylbenzene

Concen: 19.861 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBS01

Tot Ion:105 Resp: 154401

Ion Ratio Lower Upper

105 100

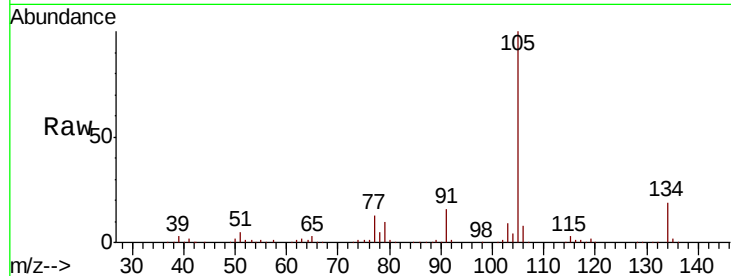
134 19.8 9.9 29.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

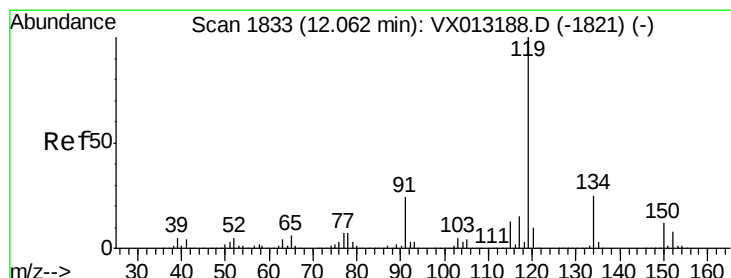
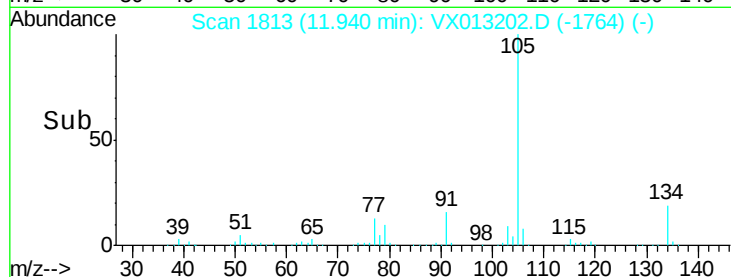
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.200 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013202.D

Acq: 24 Oct 2019 11:08

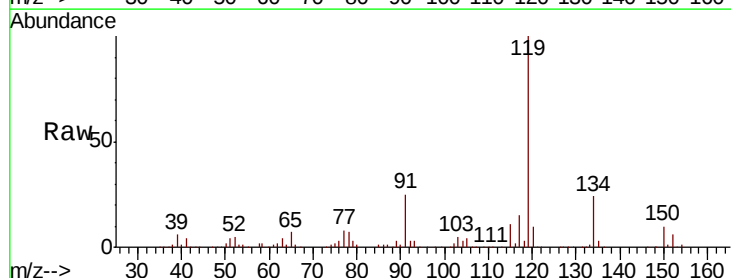
Tgt Ion:119 Resp: 140229

Ion Ratio Lower Upper

119 100

134 26.3 12.5 37.5

91 25.8 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

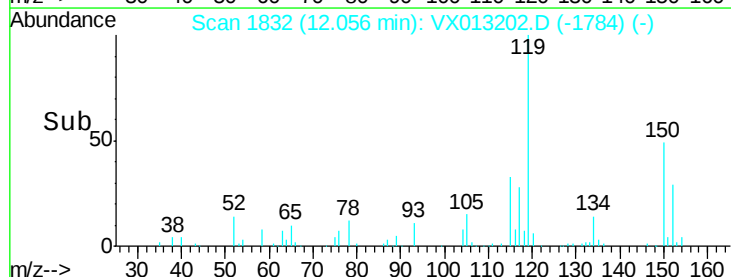
150000

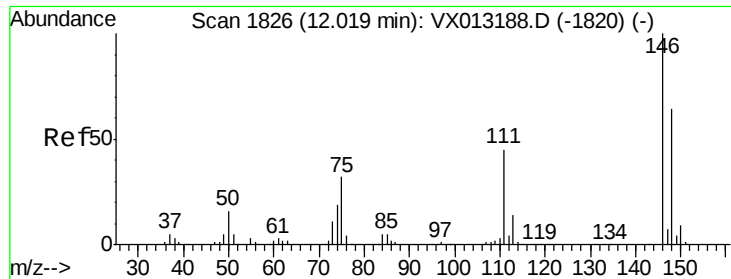
100000

50000

0

Time-->





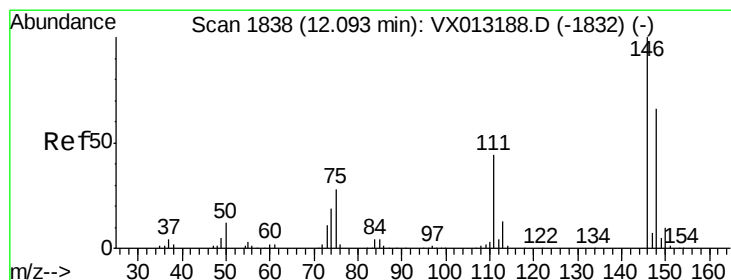
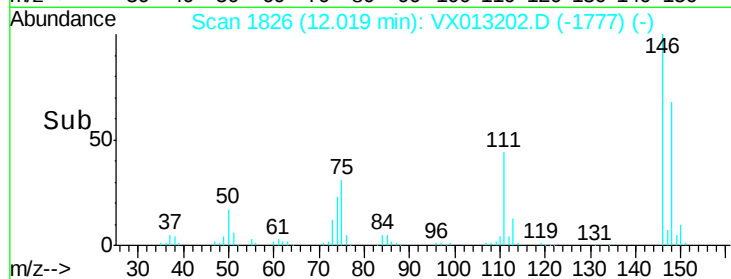
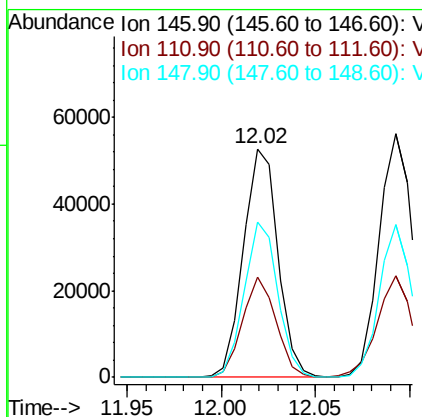
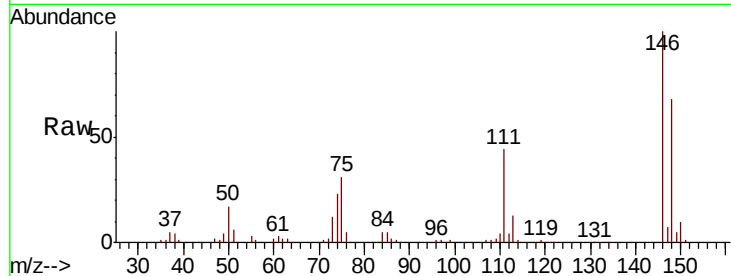
#87
 1,3-Dichlorobenzene
 Concen: 18.694 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.9
148	66.3	31.6	94.8

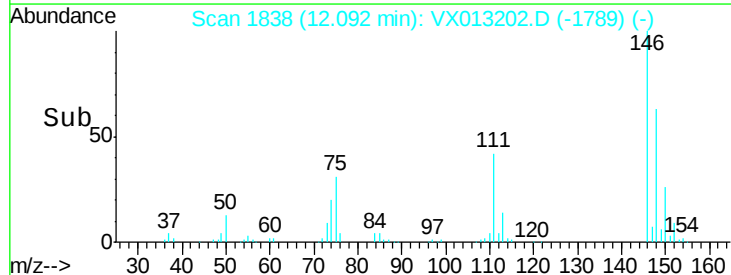
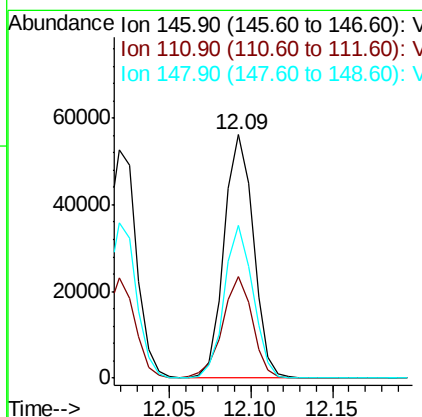
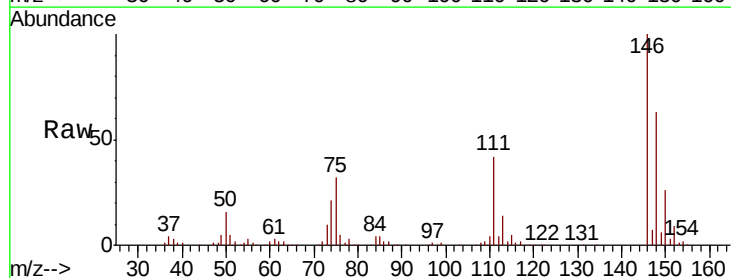
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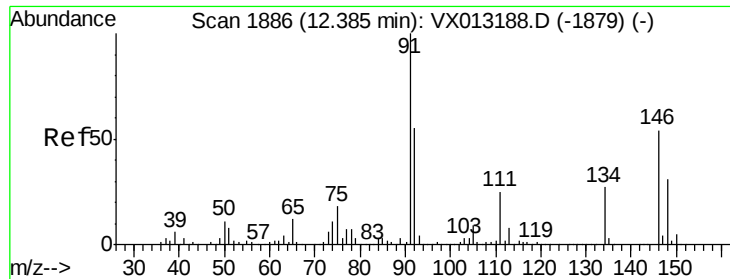
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#88
 1,4-Dichlorobenzene
 Concen: 19.220 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.9
148	61.4	32.5	97.5





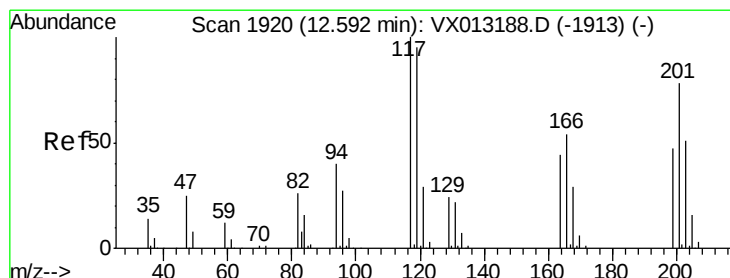
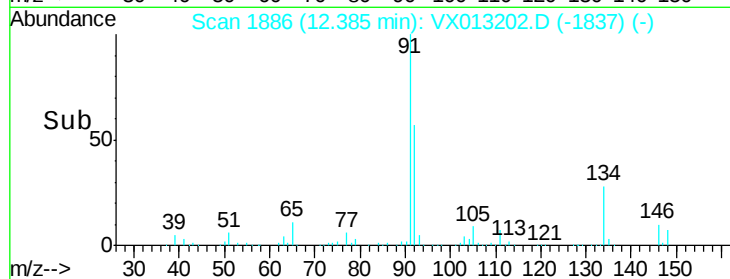
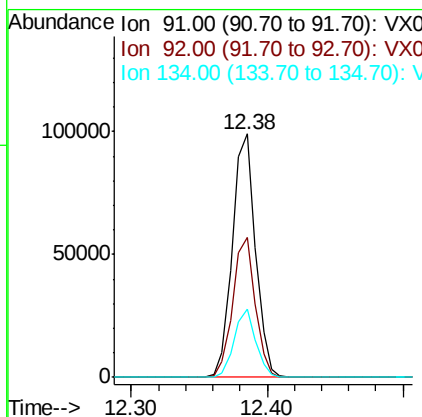
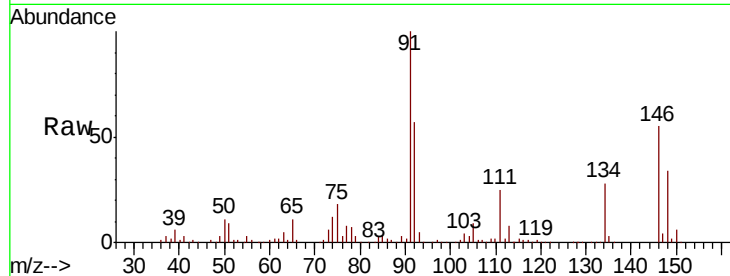
#89
n-Butylbenzene
Concen: 19.614 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.0	27.7	83.1
134	26.2	13.2	39.6

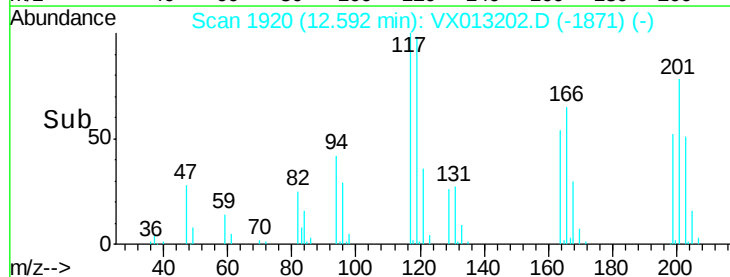
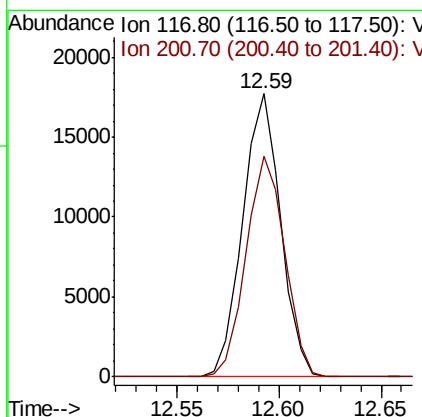
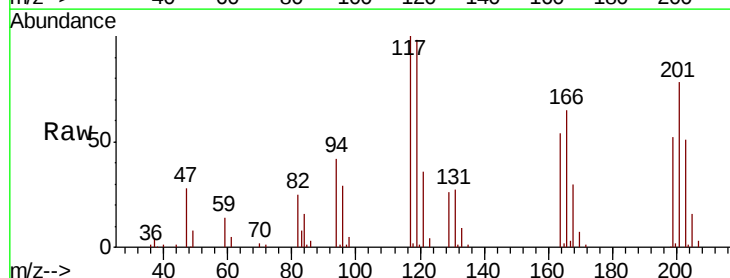
Manual Integrations
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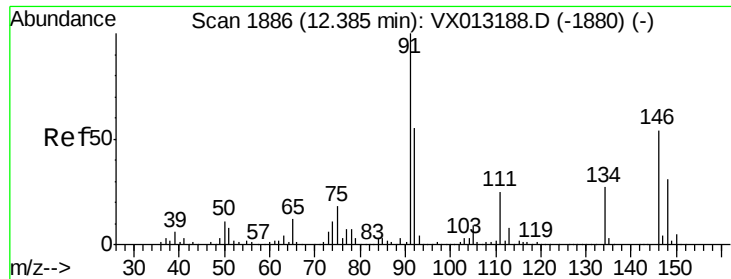
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#90
Hexachloroethane
Concen: 18.662 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.9	39.0	116.9





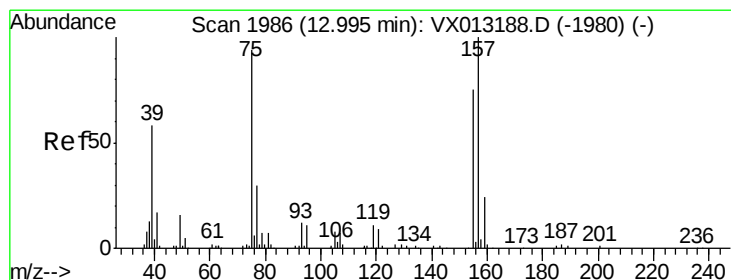
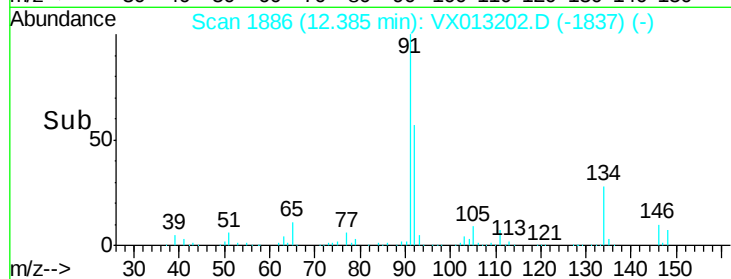
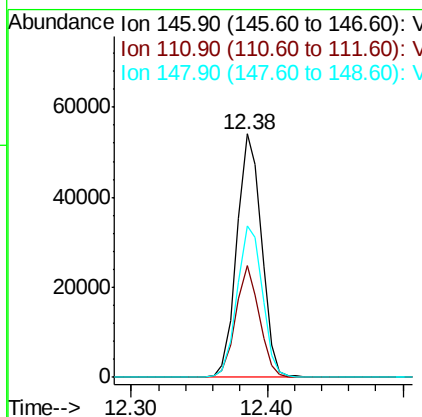
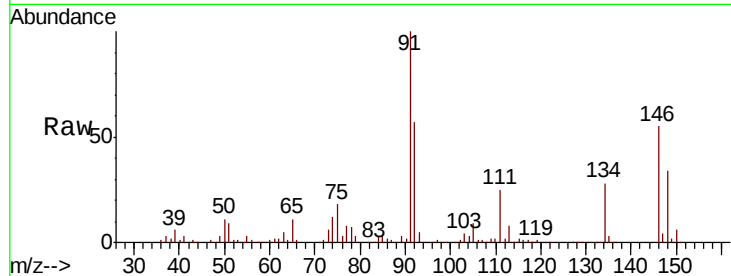
#91
1,2-Dichlorobenzene
Concen: 19.291 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.9	68.8
148	64.0	31.8	95.3

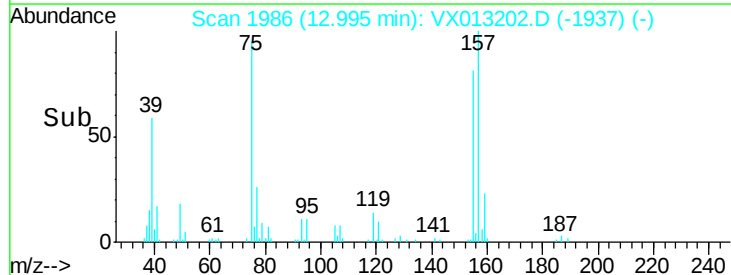
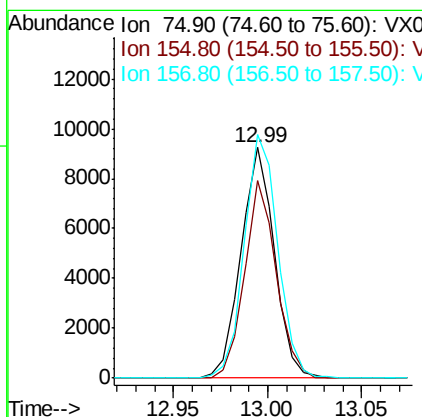
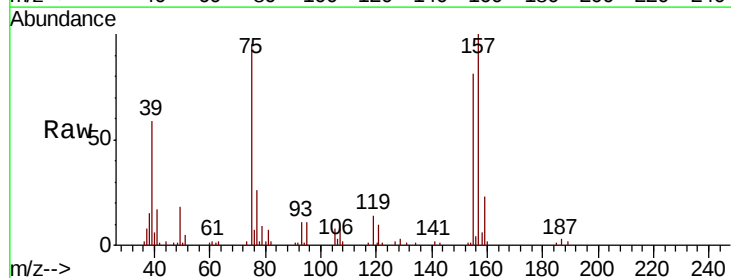
Manual Integrations
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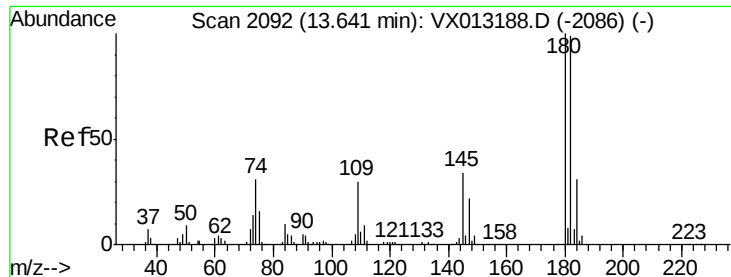
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#92
1,2-Dibromo-3-Chloropropane
Concen: 18.061 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	42.8	128.4
157	106.6	54.3	162.8





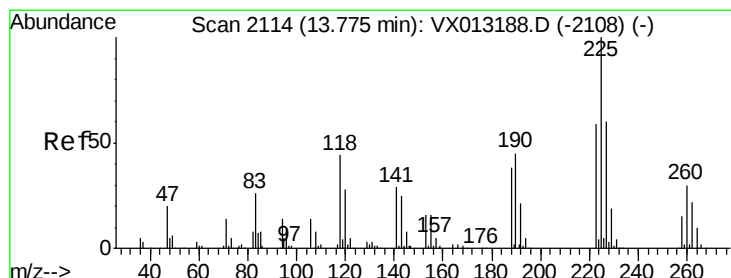
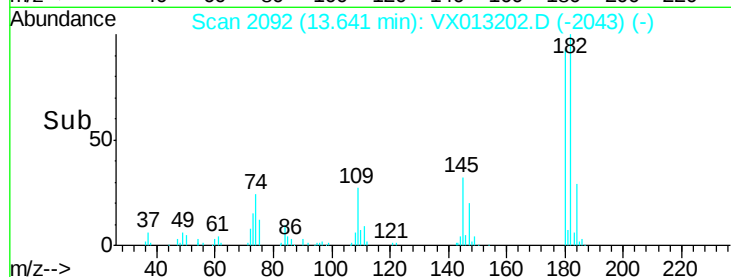
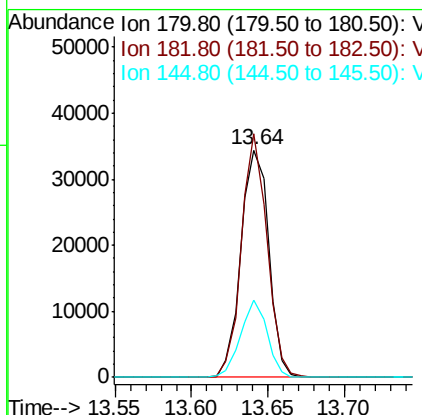
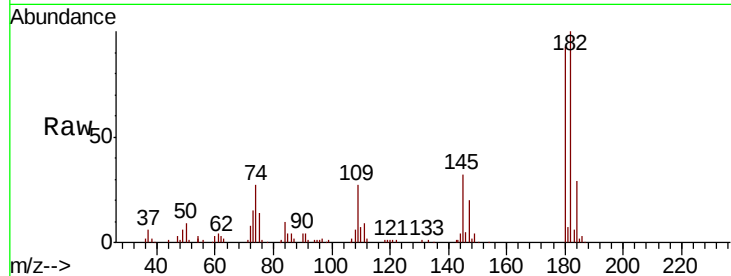
#93
 1,2,4-Trichlorobenzene
 Concen: 19.613 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	45.9	137.6
145	32.1	15.9	47.6

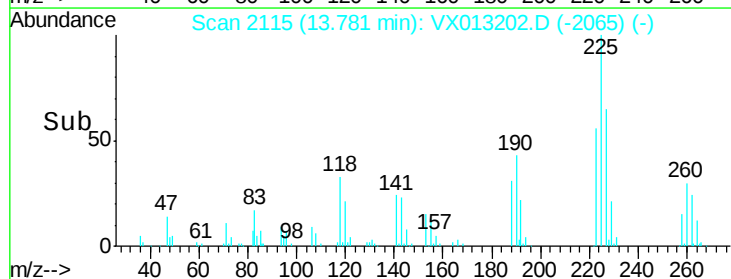
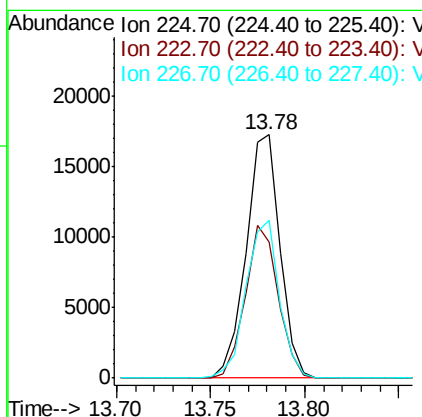
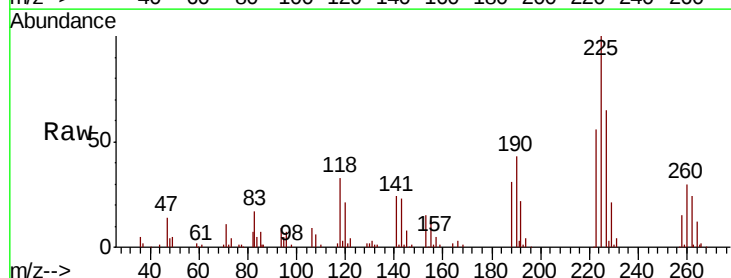
Manual Integrations
 APPROVED

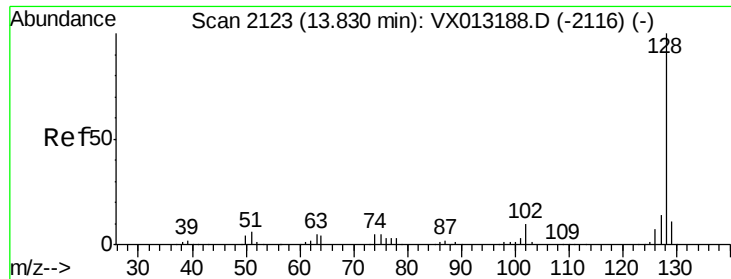
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#94
 Hexachlorobutadiene
 Concen: 18.655 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013202.D
 Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	30.9	92.5
227	63.8	30.3	90.9





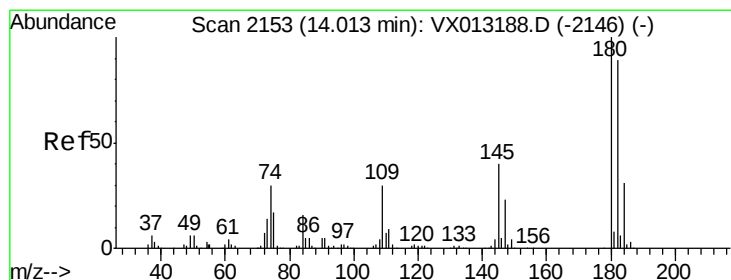
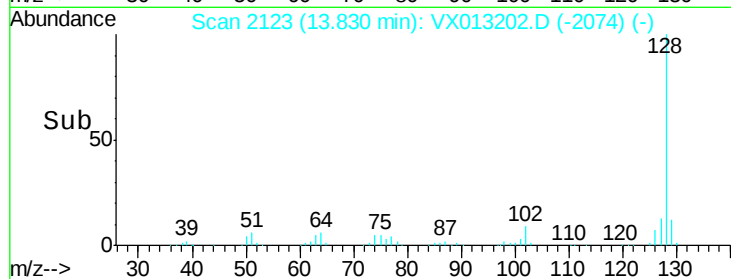
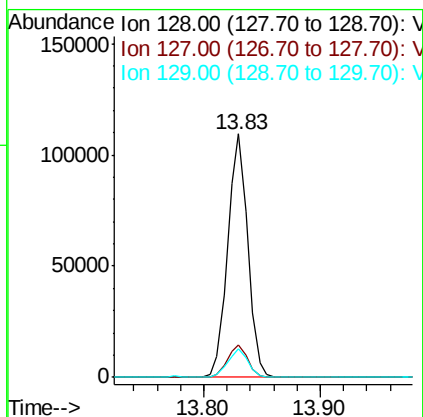
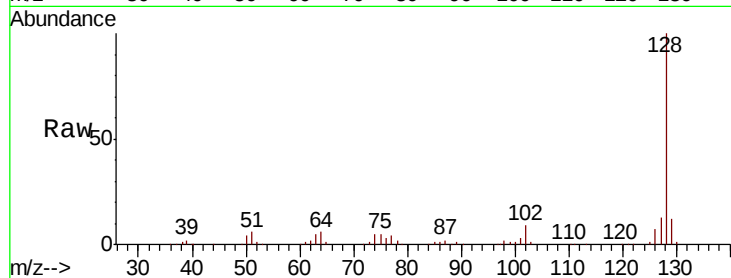
#95
Naphthalene
Concen: 19.194 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.8	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.635 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013202.D
Acq: 24 Oct 2019 11:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	48.3	144.9
145	36.8	18.6	55.6

