

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013194.D
 Acq On : 23 Oct 2019 18:09
 Operator : JC/SP
 Sample : VX1024WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Manual Integrations
 APPROVED

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 10/25/2019 4:33:12 PM

Quant Time: Oct 24 04:18:55 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	86127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	125729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	128769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85455	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	93916	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
35) Dibromofluoromethane	5.49	113	72487	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	8.71	98	272357	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	11.13	95	103862	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	31678	18.228	ug/l	99
3) Chloromethane	1.32	50	28241	20.324	ug/l	96
4) Vinyl Chloride	1.40	62	28884	18.468	ug/l	99
5) Bromomethane	1.63	94	18648	22.495	ug/l	95
6) Chloroethane	1.72	64	19224	20.453	ug/l	94
7) Trichlorofluoromethane	1.92	101	47854	19.573	ug/l	94
8) Diethyl Ether	2.18	74	16660	19.682	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28697	18.776	ug/l	98
10) Methyl Iodide	2.50	142	32366	19.159	ug/l	99
11) Tert butyl alcohol	3.03	59	43382	110.416	ug/l	98
12) 1,1-Dichloroethene	2.36	96	28032	19.106	ug/l	98
13) Acrolein	2.28	56	22332	105.663	ug/l	95
14) Allyl chloride	2.72	41	44101	19.093	ug/l	99
15) Acrylonitrile	3.13	53	81333	102.433	ug/l	99
16) Acetone	2.43	43	83621	98.532	ug/l	99
17) Carbon Disulfide	2.56	76	72605	18.407	ug/l	98
18) Methyl Acetate	2.76	43	38421	21.300	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	101934	19.729	ug/l	98
20) Methylene Chloride	2.84	84	31855	20.245	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	30782	20.448	ug/l	92
22) Diisopropyl ether	3.84	45	89547	19.827	ug/l	93
23) Vinyl Acetate	3.80	43	387225	100.874	ug/l	100
24) 1,1-Dichloroethane	3.69	63	53527	19.269	ug/l	99
25) 2-Butanone	4.66	43	114432	100.542	ug/l	94
26) 2,2-Dichloropropane	4.58	77	47802	18.619	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	34756	19.343	ug/l	99
28) Bromochloromethane	5.00	49	15755	21.995	ug/l	98
29) Tetrahydrofuran	5.12	42	68945	100.497	ug/l	99
30) Chloroform	5.20	83	57205	19.341	ug/l	99
31) Cyclohexane	5.57	56	46659	20.028	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	50929	19.366	ug/l	98
36) 1,1-Dichloropropene	5.79	75	40900	19.386	ug/l	99
37) Ethyl Acetate	4.82	43	43399	20.714	ug/l	99
38) Carbon Tetrachloride	5.78	117	43816	18.854	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49862	18.525	ug/l	98
40) Benzene	6.14	78	121980	19.315	ug/l	99
41) Methacrylonitrile	5.03	41	23099	20.564	ug/l	98
42) 1,2-Dichloroethane	6.19	62	46908	19.701	ug/l	97
43) Isopropyl Acetate	6.43	43	70872	20.373	ug/l	100
44) Trichloroethene	7.21	130	34274	19.122	ug/l	98
45) 1,2-Dichloropropane	7.51	63	30562	19.322	ug/l	98
46) Dibromomethane	7.65	93	22047	19.347	ug/l	98
47) Bromodichloromethane	7.89	83	42481	19.129	ug/l	98
48) Methyl methacrylate	7.76	41	33815	19.667	ug/l	98
49) 1,4-Dioxane	7.73	88	18564	424.232	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	216403	102.060	ug/l	98
52) Toluene	8.78	92	81397	19.449	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	46647	19.766	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	50827	19.687	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	32555	19.675	ug/l	97
56) Ethyl methacrylate	9.17	69	49962	20.062	ug/l	99
57) 1,3-Dichloropropane	9.37	76	54728	19.602	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	105734	108.808	ug/l	98
59) 2-Hexanone	9.48	43	166003	101.637	ug/l	99
60) Dibromochloromethane	9.57	129	33361	19.241	ug/l	99
61) 1,2-Dibromoethane	9.67	107	34559	19.674	ug/l	99
64) Tetrachloroethene	9.33	164	33411	19.867	ug/l	98
65) Chlorobenzene	10.14	112	85917	19.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	32336	19.419	ug/l	98
67) Ethyl Benzene	10.25	91	152789	18.934	ug/l	99
68) m/p-Xylenes	10.36	106	114070	37.404	ug/l	99
69) o-Xylene	10.70	106	55916	19.113	ug/l	99
70) Styrene	10.71	104	94999	18.858	ug/l	99
71) Bromoform	10.85	173	22921	18.838	ug/l #	96
73) Isopropylbenzene	11.01	105	153353	19.762	ug/l	99
74) N-amyl acetate	10.89	43	57405	20.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	47612	20.207	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	45829m	22.251	ug/l	
77) Bromobenzene	11.25	156	36086	19.402	ug/l	97
78) n-propylbenzene	11.35	91	162222	19.245	ug/l	99
79) 2-Chlorotoluene	11.42	91	103656	19.463	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	128266	19.886	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	13996	18.673	ug/l	97
82) 4-Chlorotoluene	11.51	91	119834	19.858	ug/l	97
83) tert-Butylbenzene	11.76	119	123541	19.359	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	128555	19.759	ug/l	100
85) sec-Butylbenzene	11.94	105	142031	19.558	ug/l	99
86) p-Isopropyltoluene	12.06	119	125767	18.434	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	65188	19.401	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	65670	19.196	ug/l	98
89) n-Butylbenzene	12.39	91	105913	18.977	ug/l	100
90) Hexachloroethane	12.59	117	21603	18.908	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	61237	18.534	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11312	19.306	ug/l	97

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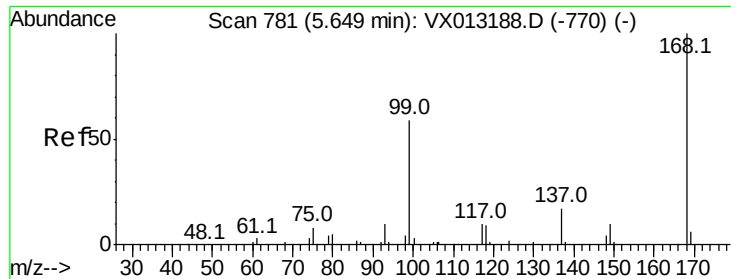
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	39577	19.023	ug/l	98
94) Hexachlorobutadiene	13.78	225	19304	17.937	ug/l	98
95) Naphthalene	13.83	128	128422	20.112	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	41951	20.405	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion:168 Resp: 86127

Ion Ratio Lower Upper

168 100

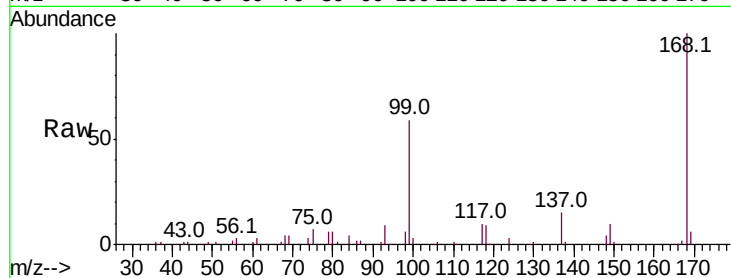
99 58.8 47.0 70.4

Manual Integrations

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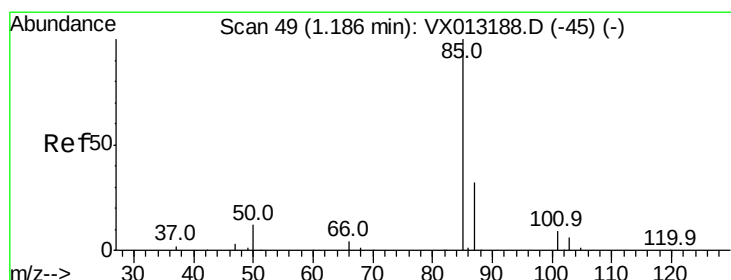
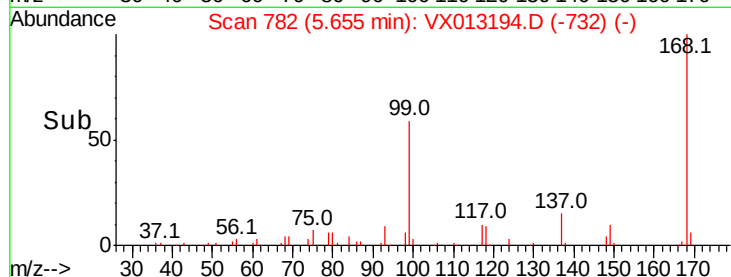
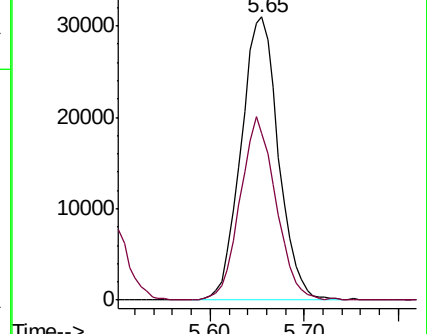
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.228 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013194.D

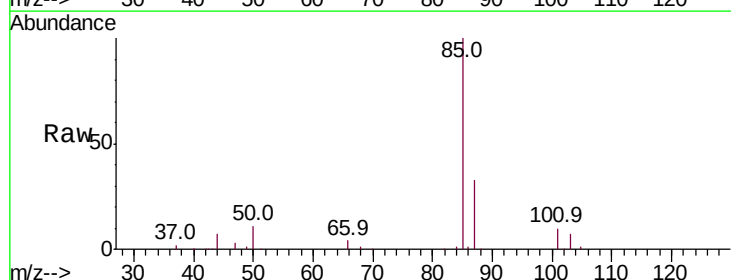
Acq: 23 Oct 2019 18:09

Tgt Ion: 85 Resp: 31678

Ion Ratio Lower Upper

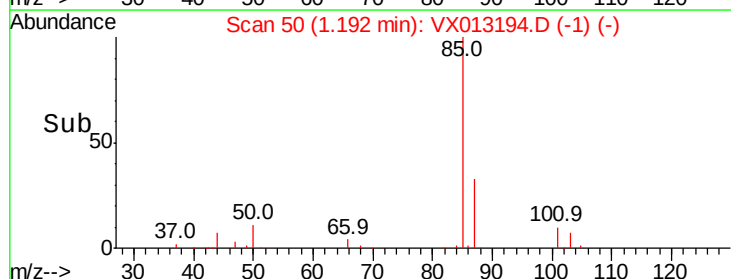
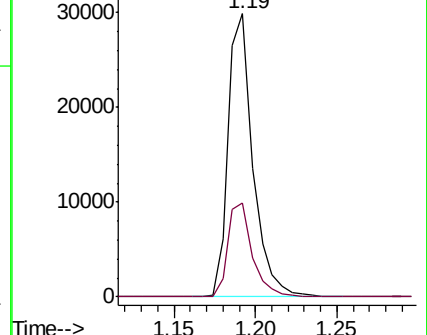
85 100

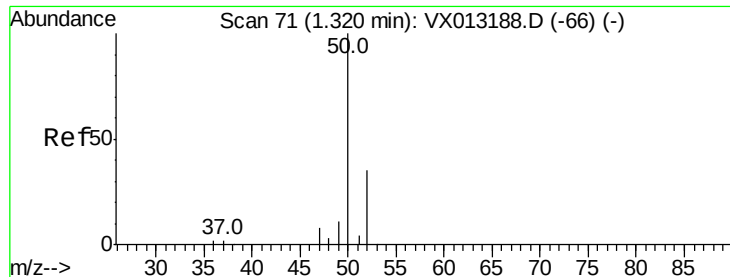
87 33.1 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.324 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion: 50 Resp: 28241

Ion Ratio Lower Upper

50 100

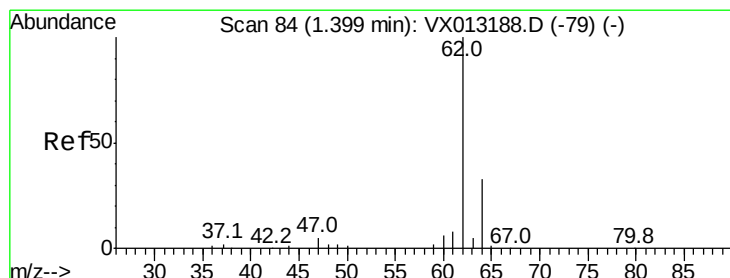
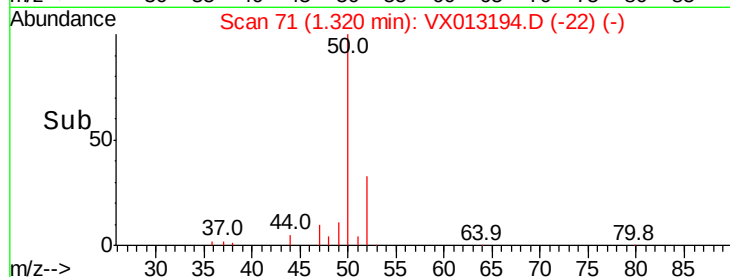
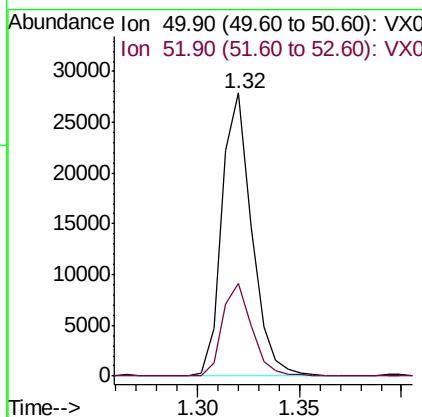
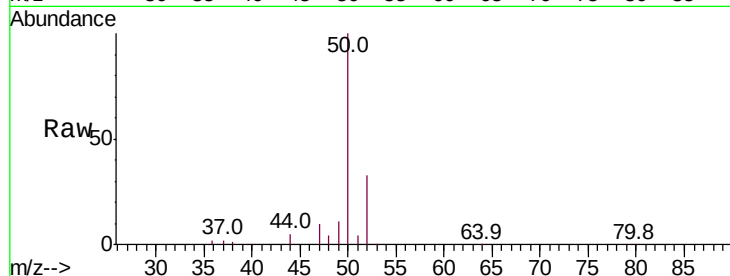
52 32.6 27.8 41.6

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#4

Vinyl Chloride

Concen: 18.468 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013194.D

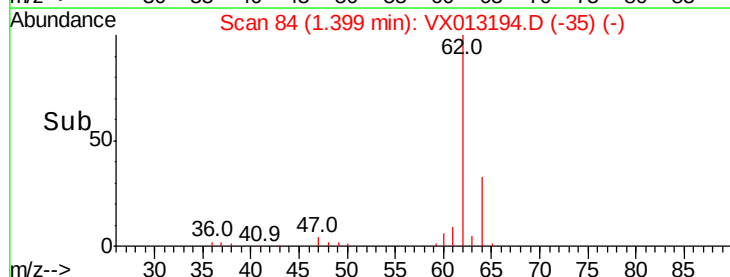
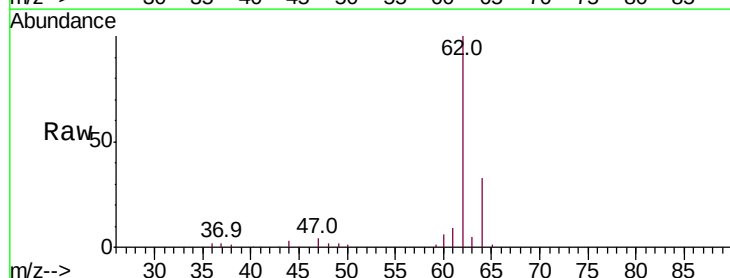
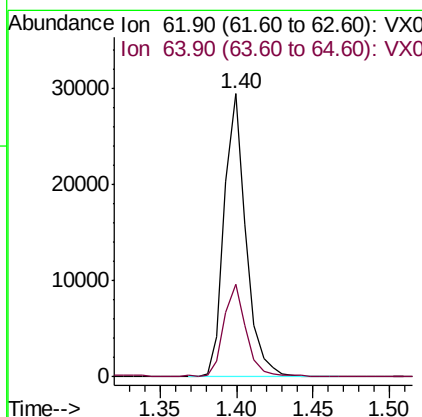
Acq: 23 Oct 2019 18:09

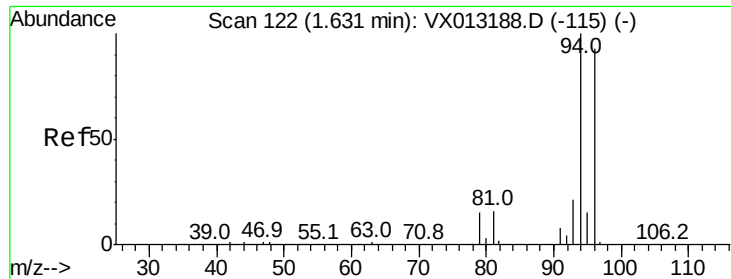
Tgt Ion: 62 Resp: 28884

Ion Ratio Lower Upper

62 100

64 32.7 26.4 39.6





#5

Bromomethane

Concen: 22.495 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion: 94 Resp: 18648

Ion Ratio Lower Upper

94 100

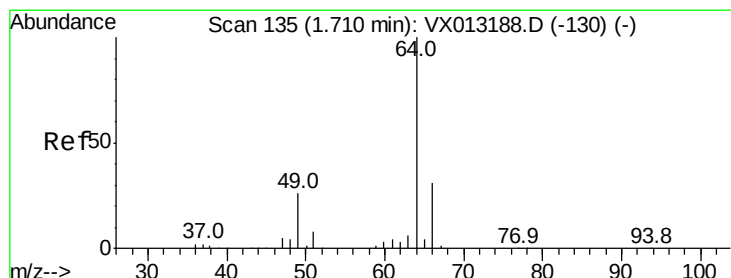
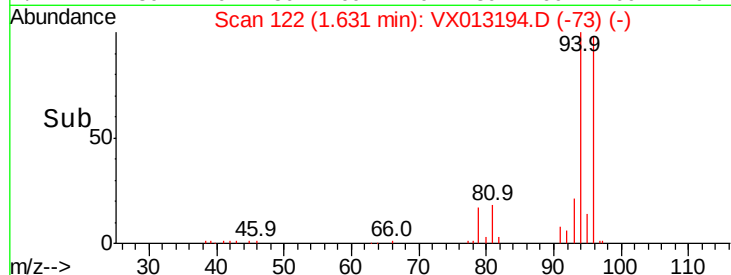
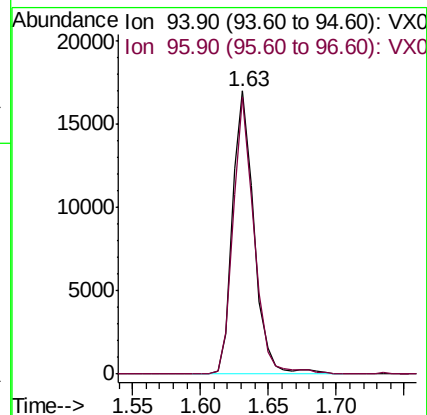
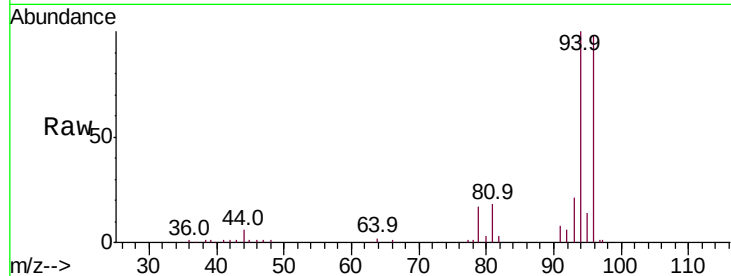
96 97.7 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 20.453 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013194.D

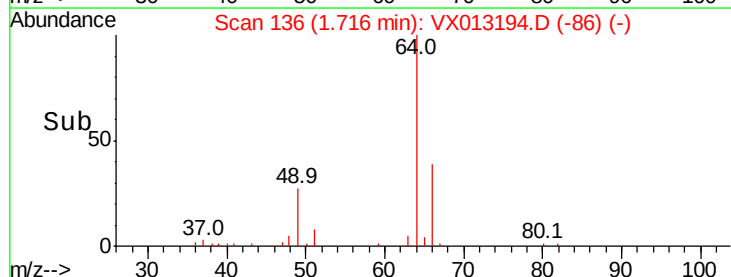
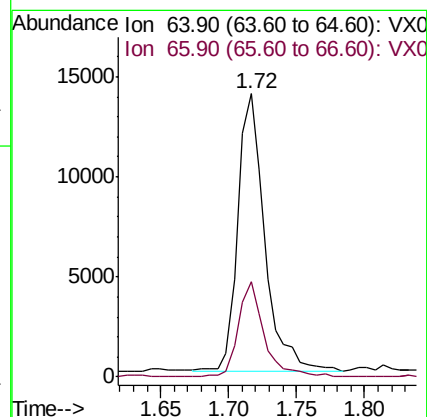
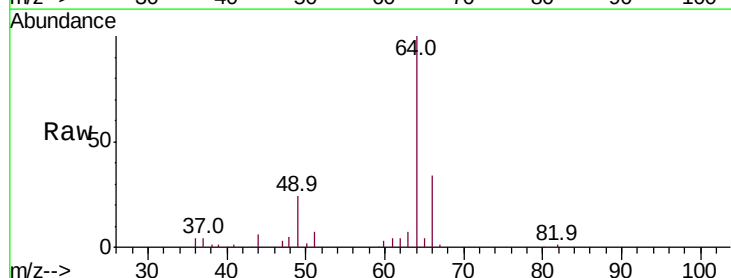
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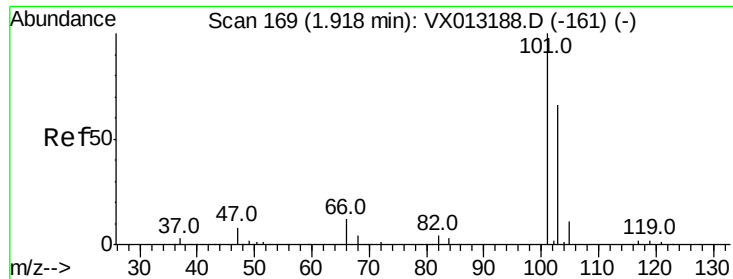
Tgt Ion: 64 Resp: 19224

Ion Ratio Lower Upper

64 100

66 34.5 25.0 37.6





#7

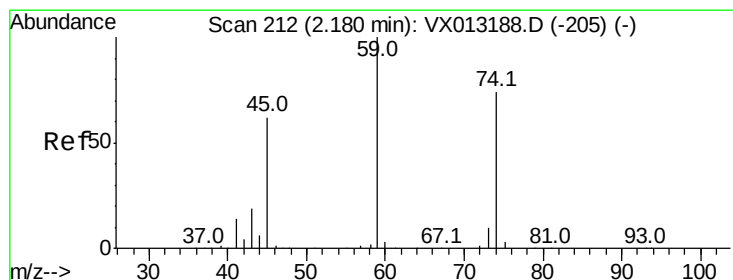
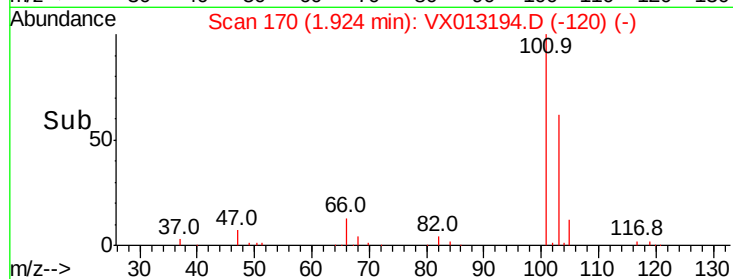
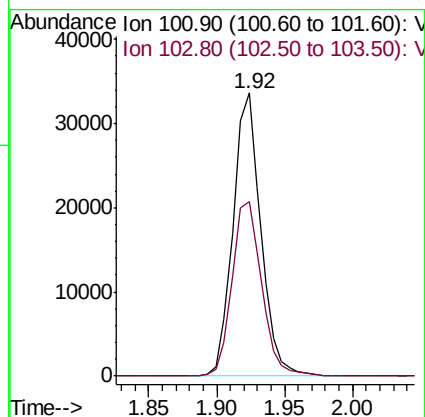
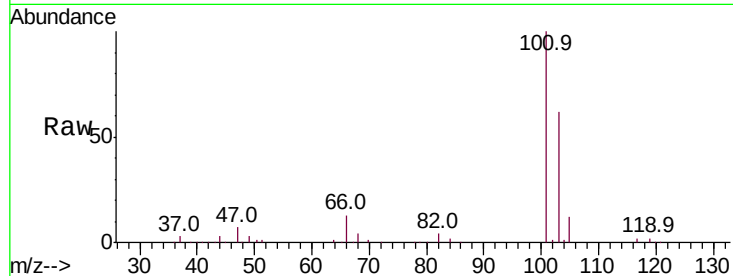
Trichlorofluoromethane
Concen: 19.573 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
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ClientSampleId :
VX1024WBS02

Tot Ion:101 Resp: 47854
Ion Ratio Lower Upper
101 100
103 61.9 53.0 79.6

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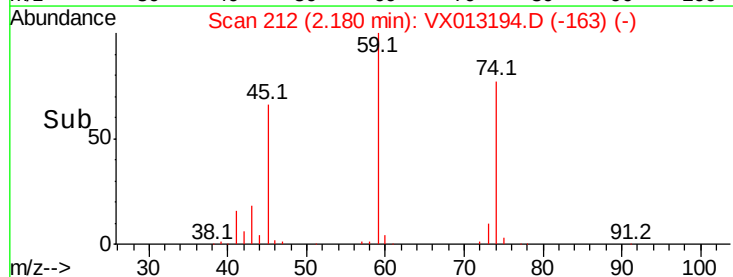
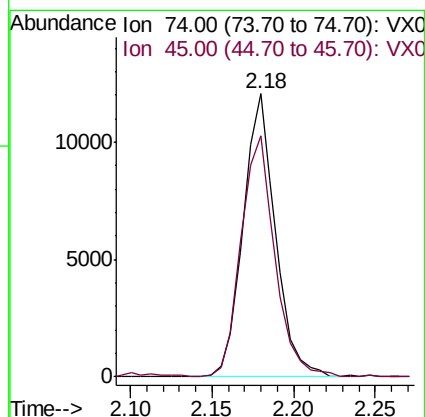
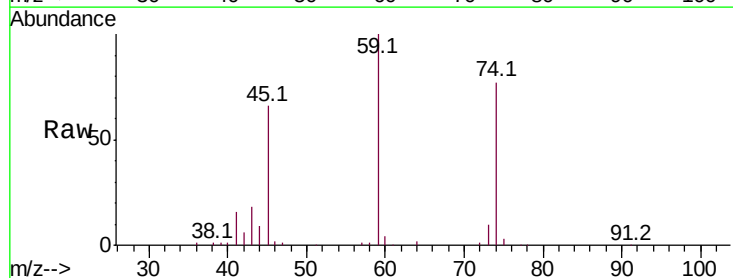
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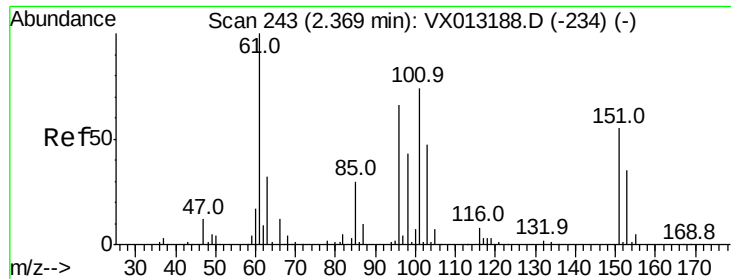


#8

Diethyl Ether
Concen: 19.682 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 74 Resp: 16660
Ion Ratio Lower Upper
74 100
45 89.2 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.776 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

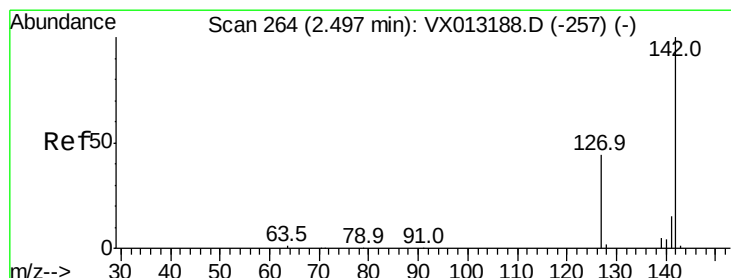
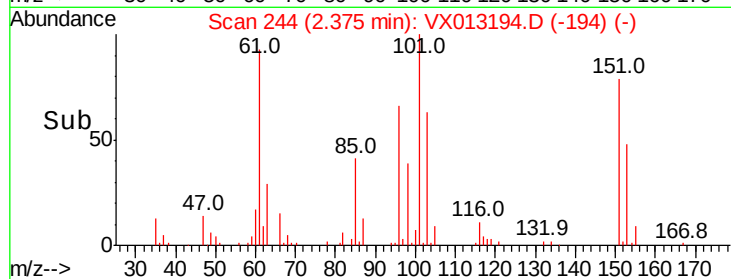
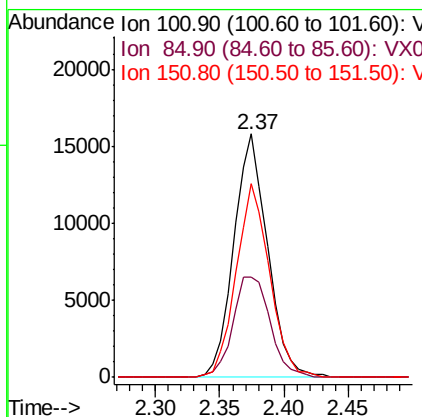
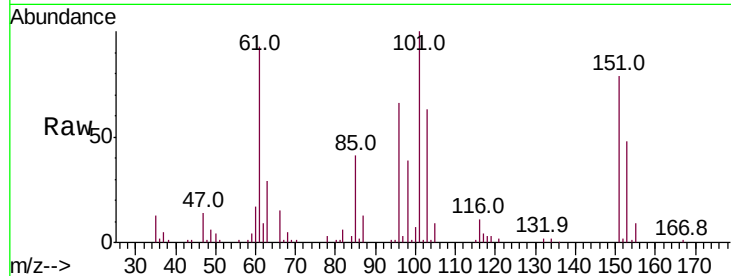
ClientSampleId :

VX1024WBS02

Tot Ion:	101	Resp:	28697
Ion Ratio	Lower	Upper	
101	100		
85	45.4	34.0	51.0
151	78.5	62.0	93.0

Manual Integrations
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#10

Methyl Iodide

Concen: 19.159 ug/l

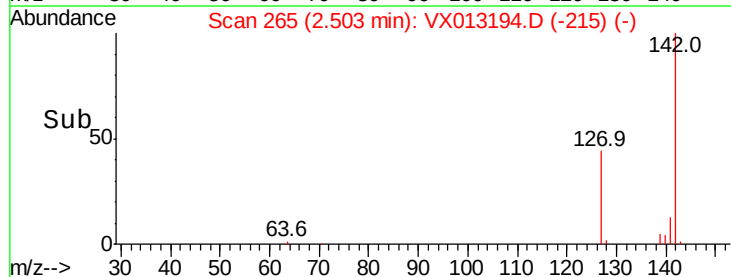
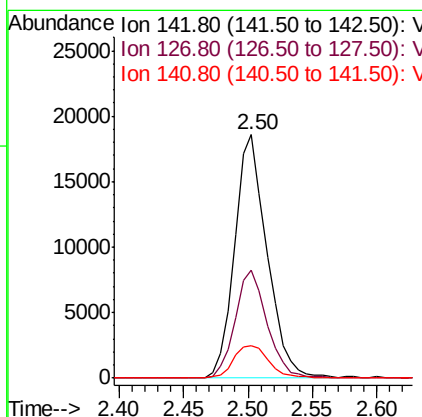
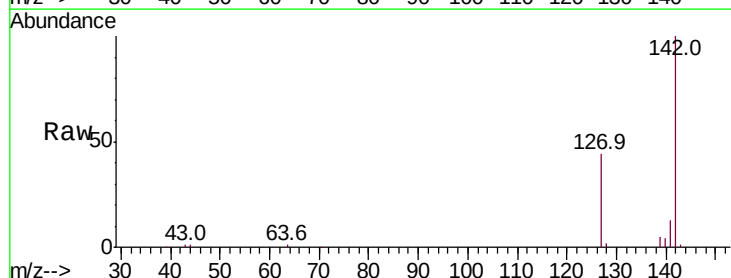
RT: 2.50 min Scan# 265

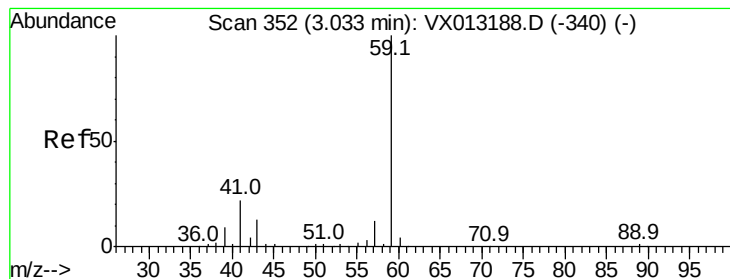
Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Tgt Ion:	142	Resp:	32366
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.6	53.4
141	14.7	11.6	17.4





#11

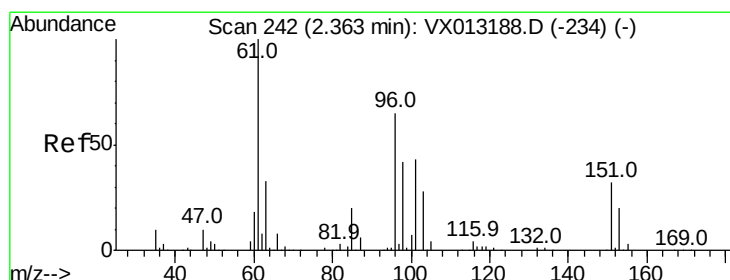
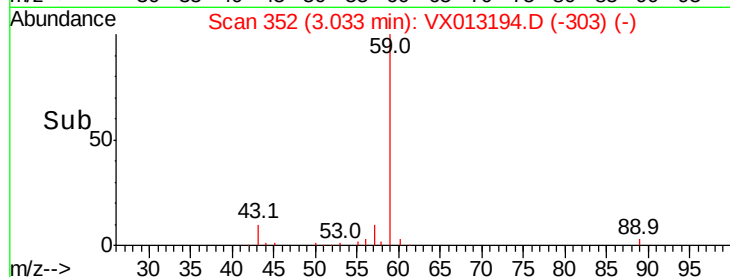
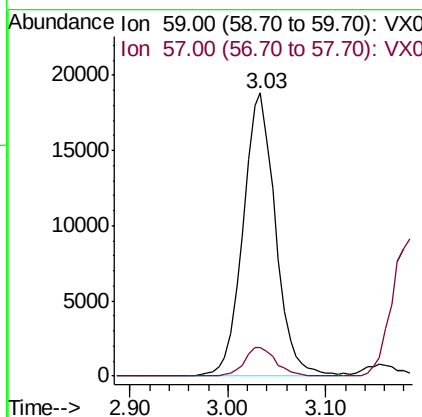
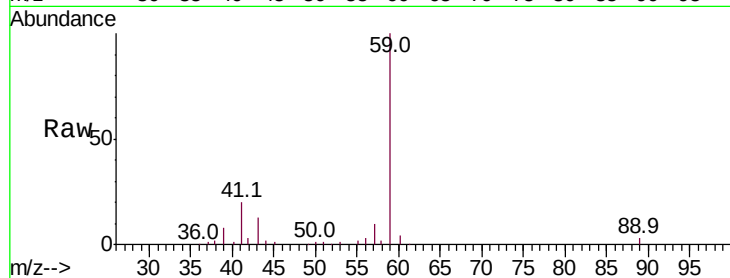
Tert butyl alcohol
 Concen: 110.416 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Tot Ion	59	57	Ratio	100	9.7	Resp:	43382	Lower	8.2	Upper	12.4
Ion	59	57	Ratio	100	9.7	Resp:	43382	Lower	8.2	Upper	12.4

Manual Integrations
 APPROVED

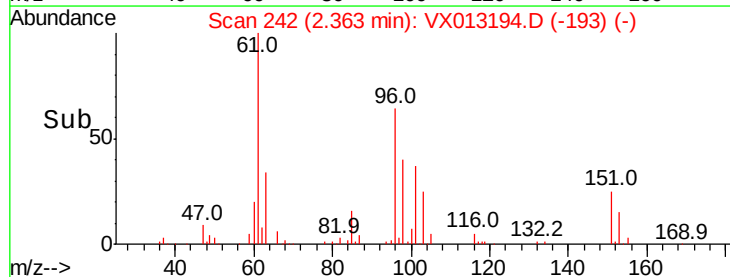
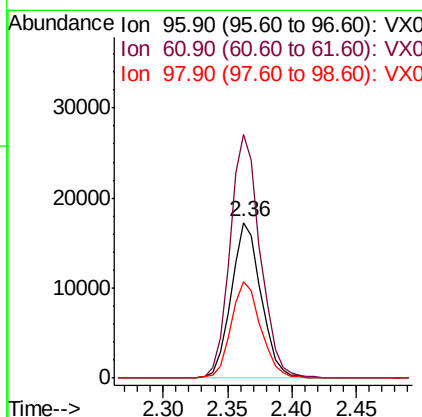
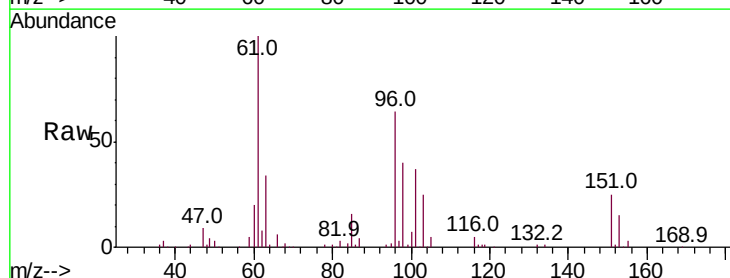
MMDadoda
 10/25/2019 4:33:12 PM

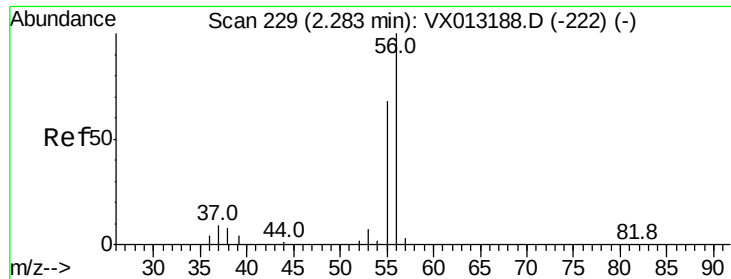


#12

1,1-Dichloroethene
 Concen: 19.106 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion	96	61	98	Ratio	100	156.7	61.9	Resp:	28032	Lower	123.8	Upper	185.8	77.4
Ion	96	61	98	Ratio	100	156.7	61.9	Resp:	28032	Lower	123.8	Upper	185.8	77.4





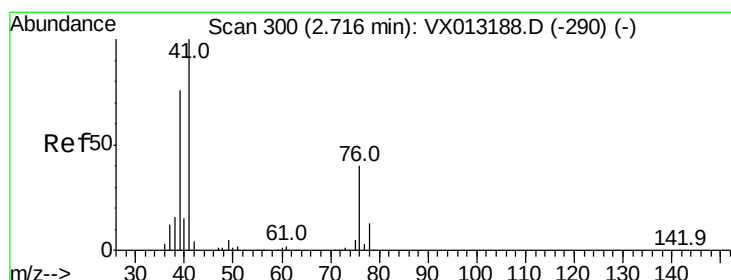
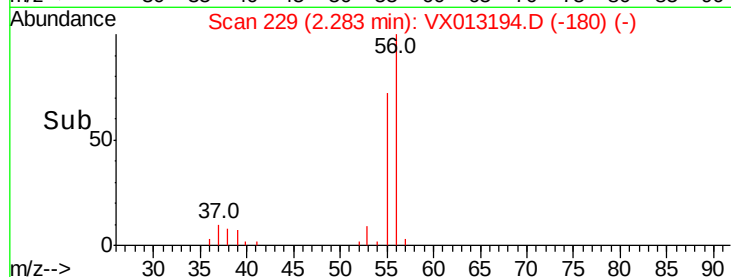
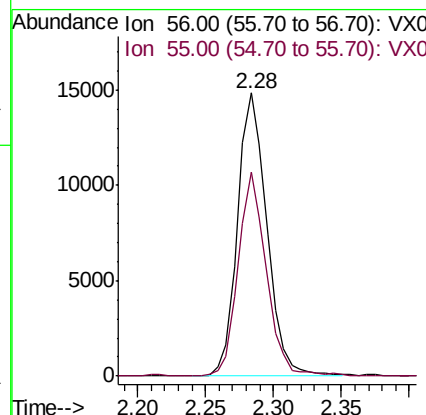
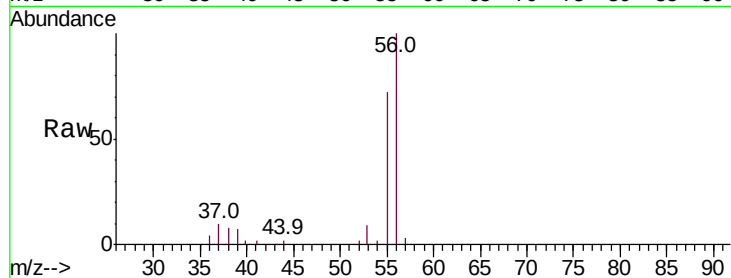
#13
Acrolein
Concen: 105.663 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	58.9	88.3

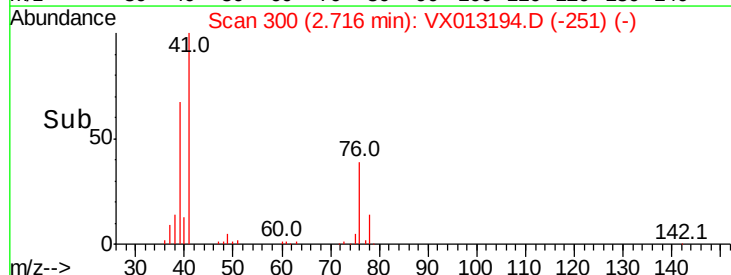
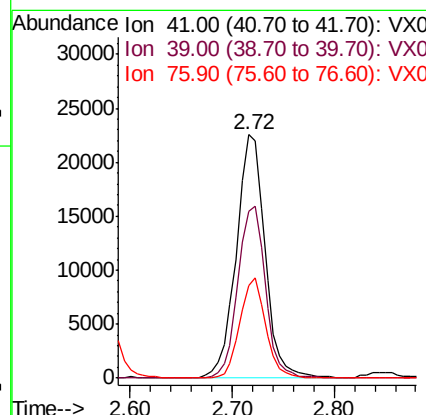
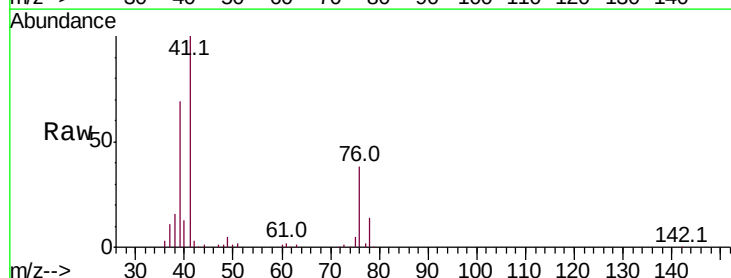
Manual Integrations
APPROVED

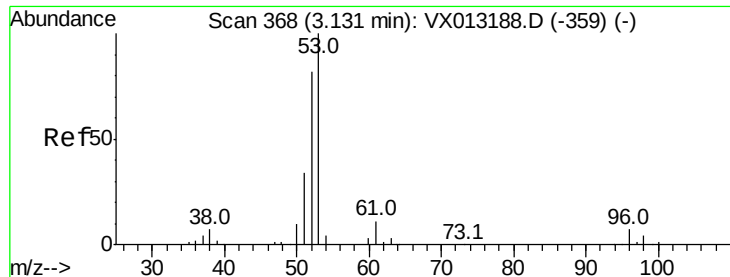
MMDadoda
10/25/2019 4:33:12 PM



#14
Allyl chloride
Concen: 19.093 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.6	54.6	81.8
76	36.7	29.8	44.6





#15

Acrylonitrile

Concen: 102.433 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

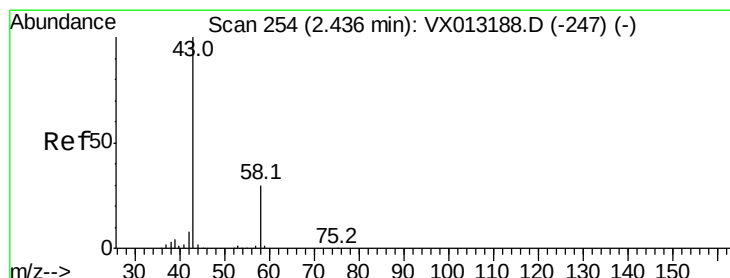
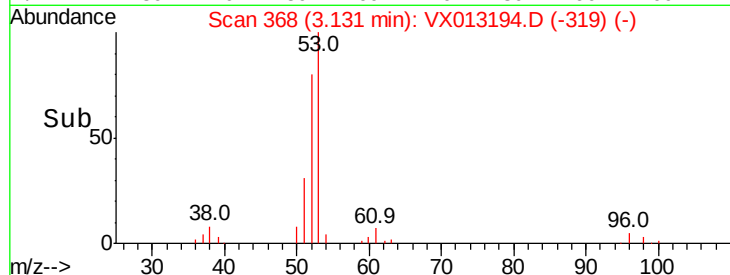
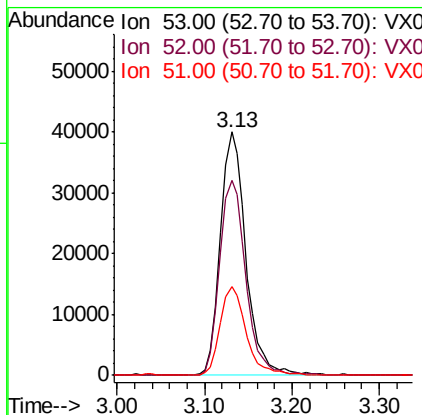
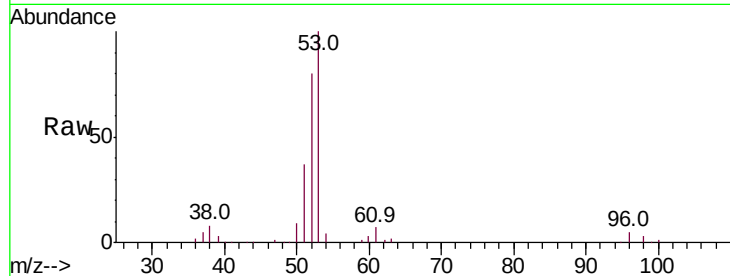
ClientSampleId :

VX1024WBS02

Tot Ion:	53	Resp:	81333
Ion Ratio	Lower	Upper	
53	100		
52	81.9	66.4	99.6
51	37.2	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 98.532 ug/l

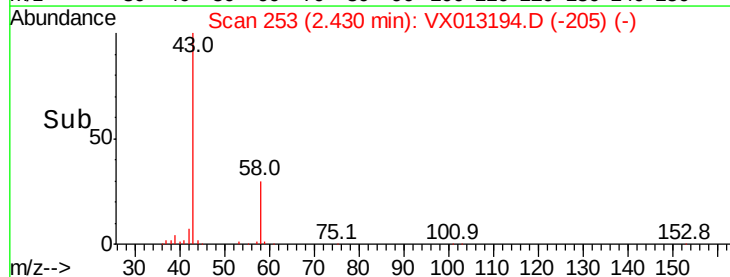
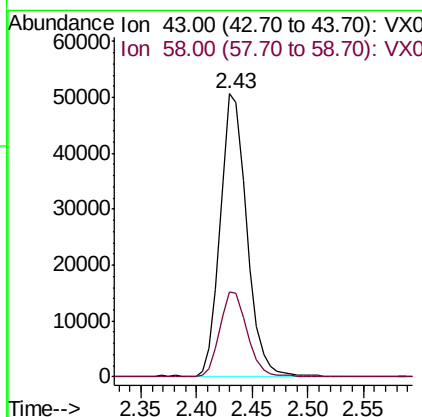
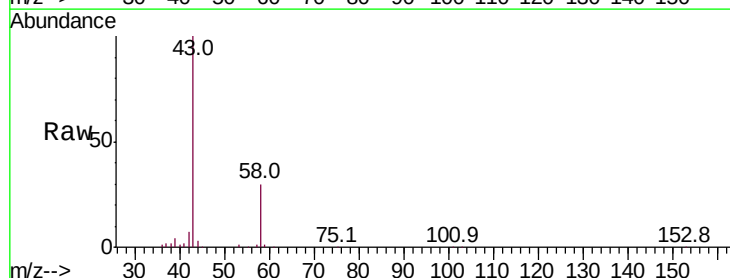
RT: 2.43 min Scan# 253

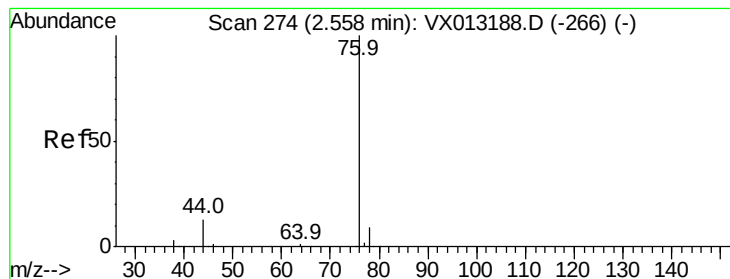
Delta R.T. -0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Tgt Ion:	43	Resp:	83621
Ion Ratio	Lower	Upper	
43	100		
58	30.1	23.8	35.6





#17

Carbon Disulfide

Concen: 18.407 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion: 76 Resp: 72605

Ion Ratio Lower Upper

76 100

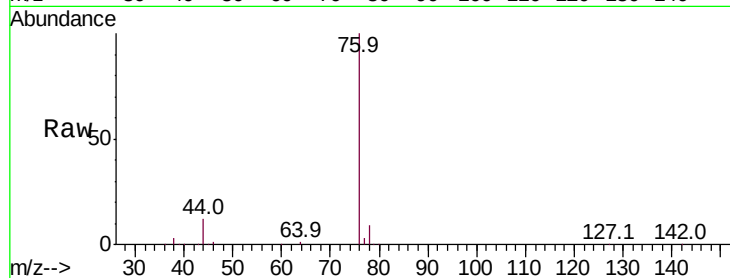
78 8.6 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

50000

40000

30000

20000

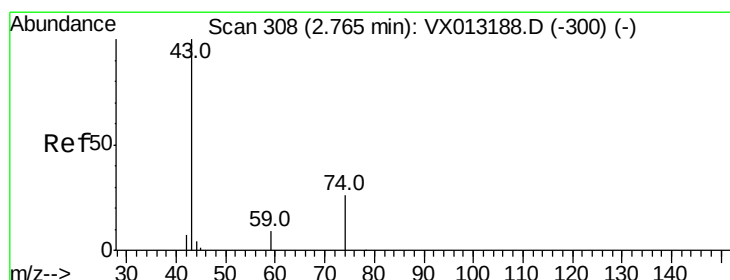
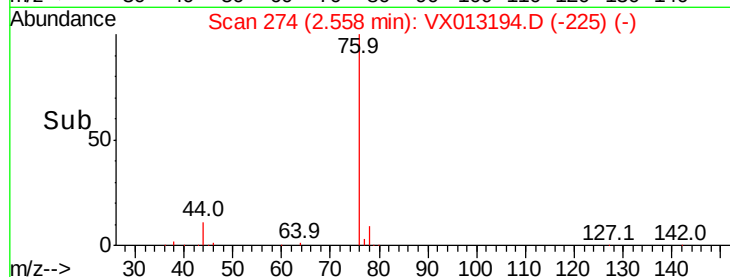
10000

0

Time-->

2.45 2.50 2.55 2.60 2.65

2.56



#18

Methyl Acetate

Concen: 21.300 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX013194.D

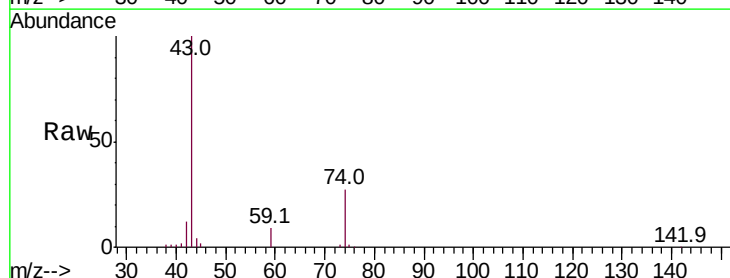
Acq: 23 Oct 2019 18:09

Tgt Ion: 43 Resp: 38421

Ion Ratio Lower Upper

43 100

74 26.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

25000

20000

15000

10000

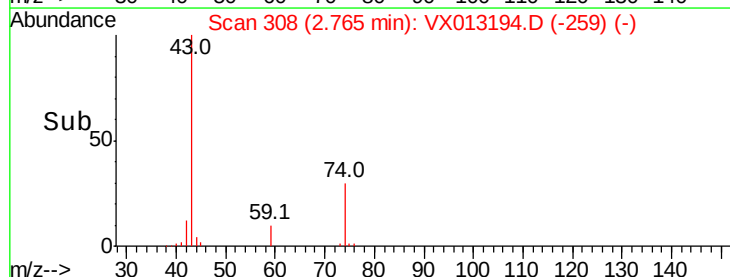
5000

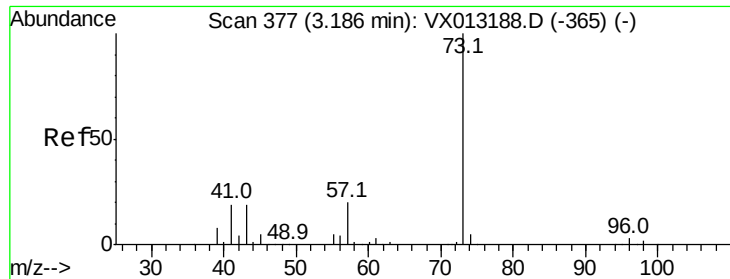
0

Time-->

2.70 2.75 2.80 2.85 2.90

2.76





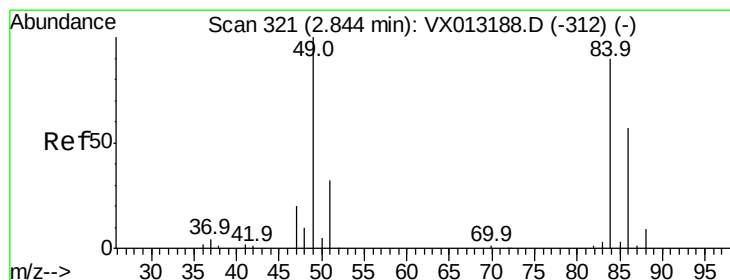
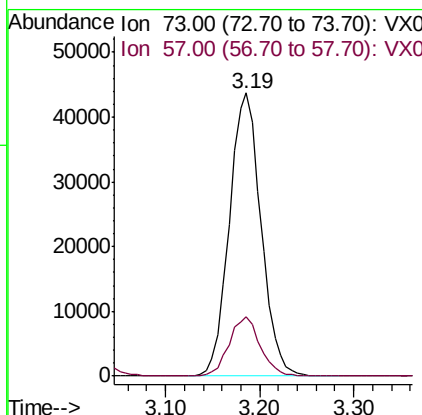
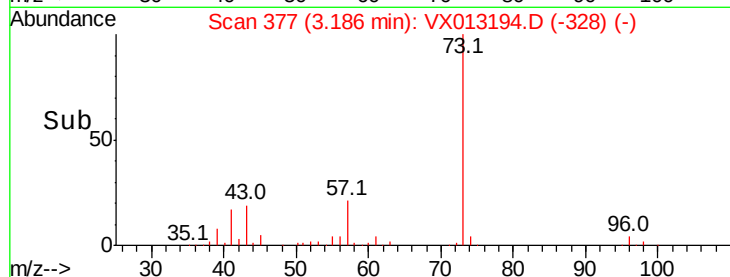
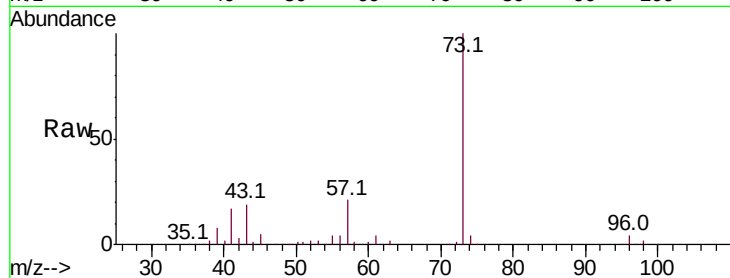
#19
Methyl tert-butyl Ether
Concen: 19.729 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleID :
VX1024WBS02

Tot Ion: 73 Resp: 101934
Ion Ratio Lower Upper
73 100
57 20.9 15.8 23.8

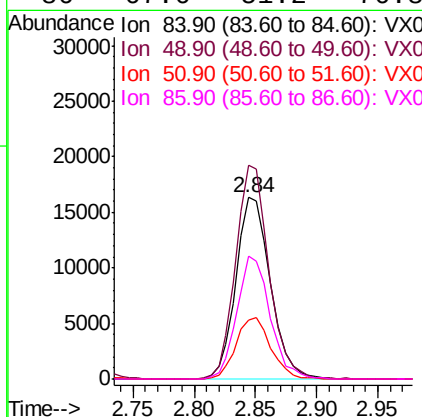
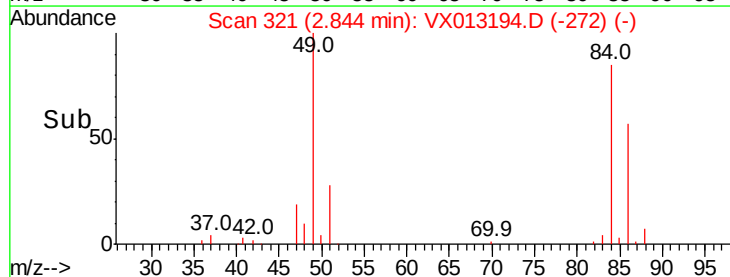
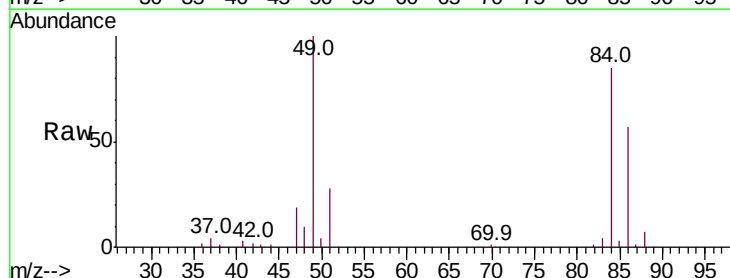
Manual Integrations
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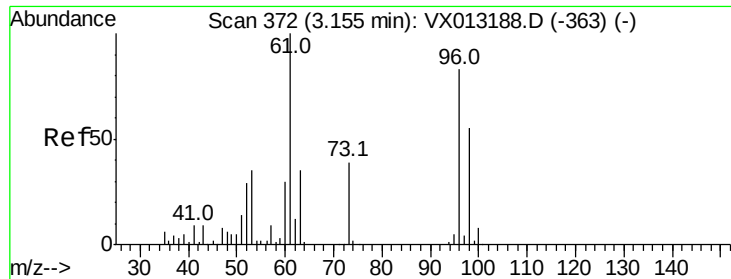
MMDadoda
10/25/2019 4:33:12 PM



#20
Methylene Chloride
Concen: 20.245 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 84 Resp: 31855
Ion Ratio Lower Upper
84 100
49 117.6 89.2 133.8
51 32.7 28.8 43.2
86 67.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.448 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion: 96 Resp: 30782

Ion Ratio Lower Upper

96 100

61 131.0 96.9 145.3

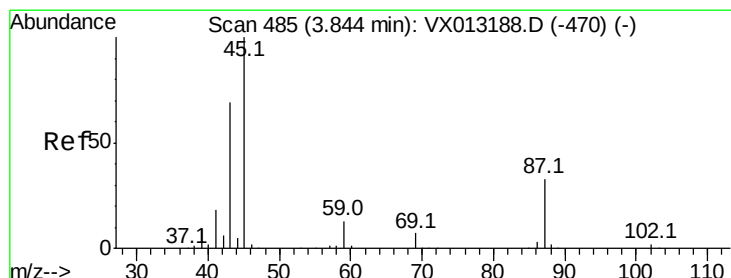
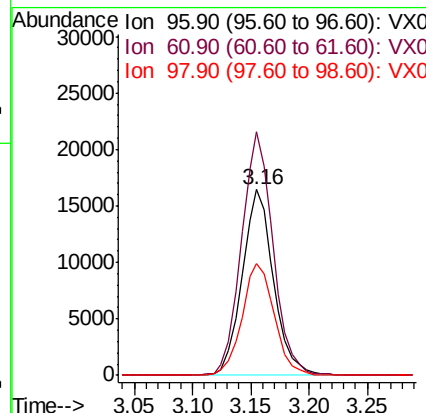
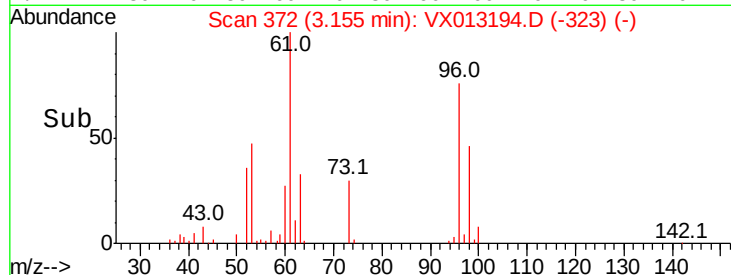
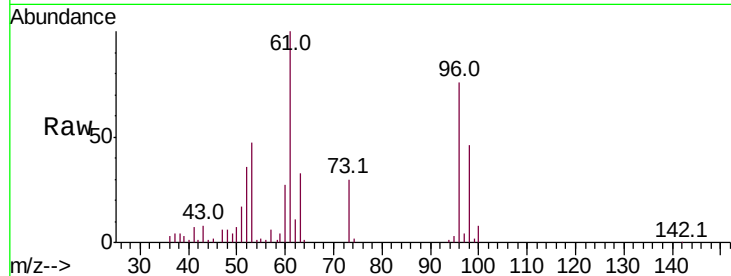
98 60.5 53.0 79.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.827 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Tgt Ion: 45 Resp: 89547

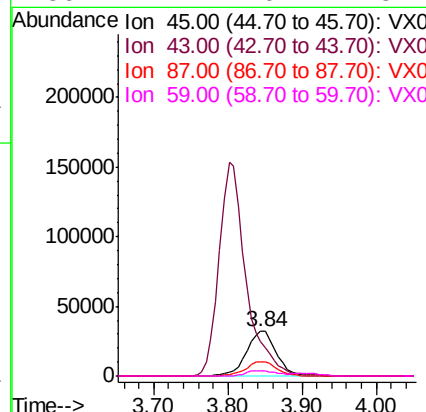
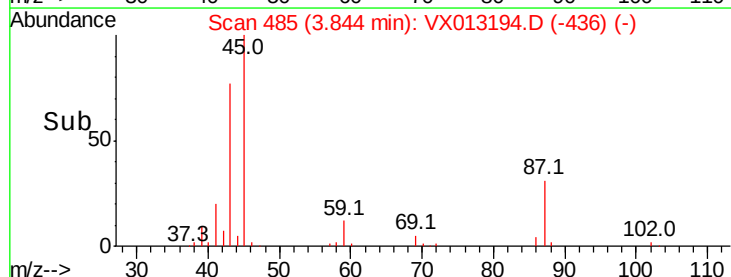
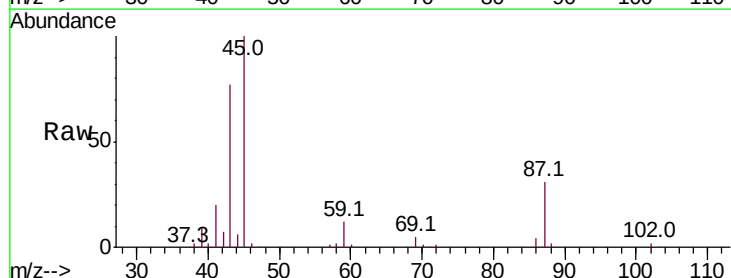
Ion Ratio Lower Upper

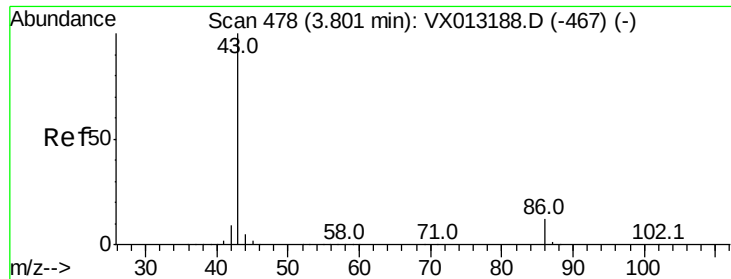
45 100

43 76.8 55.5 83.3

87 31.2 26.7 40.1

59 12.4 10.2 15.2





#23

Vinyl Acetate

Concen: 100.874 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion: 43 Resp: 387225

Ion Ratio Lower Upper

43 100

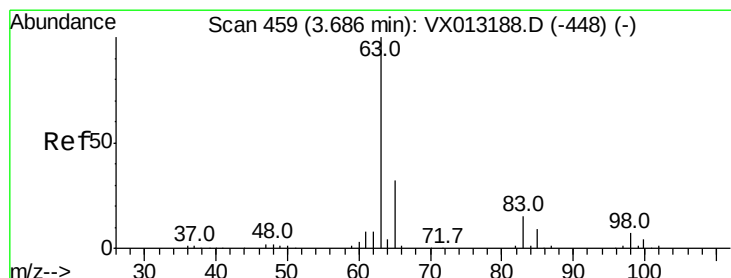
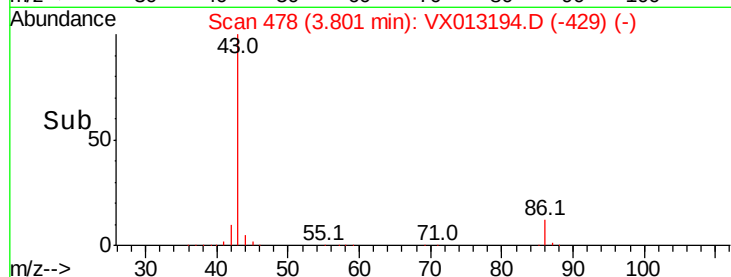
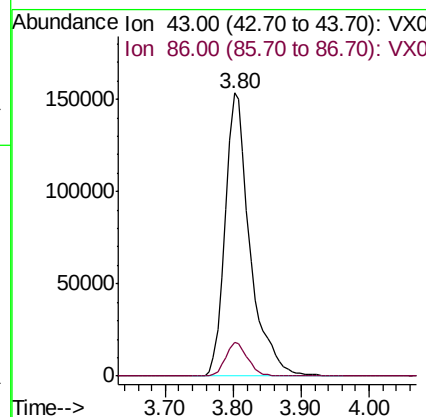
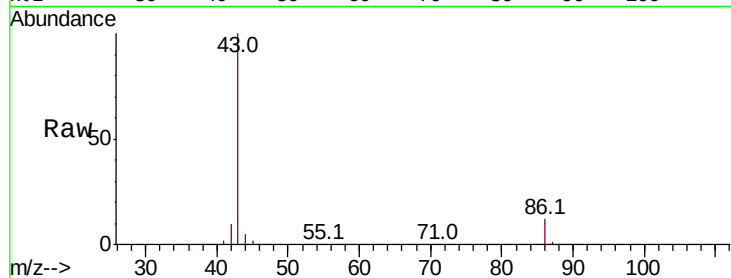
86 12.1 9.7 14.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.269 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

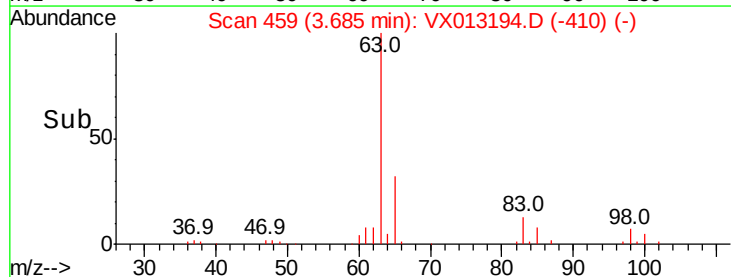
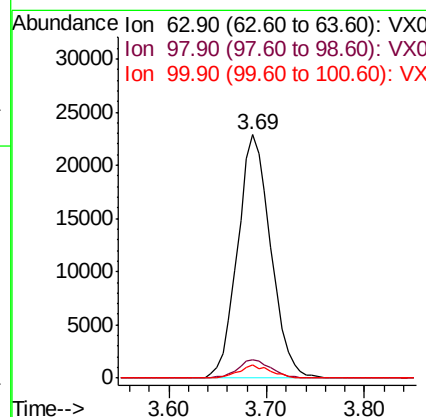
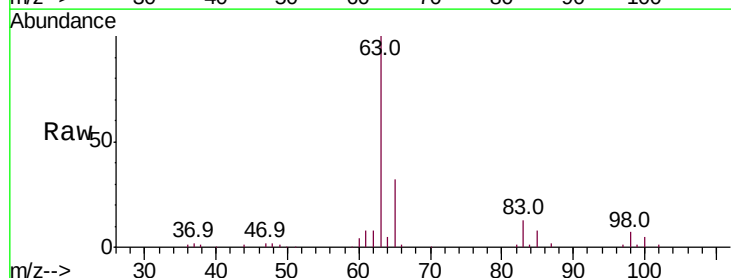
Tgt Ion: 63 Resp: 53527

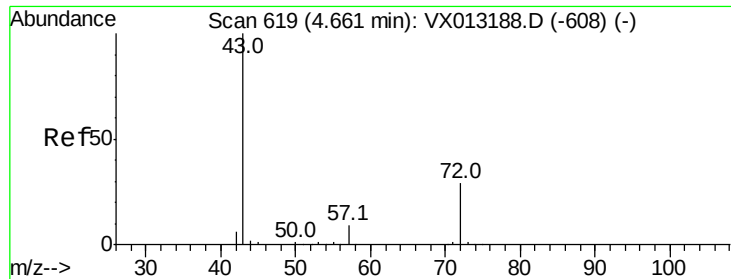
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 5.3 2.2 6.6





#25

2-Butanone

Concen: 100.542 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion: 43 Resp: 114432

Ion Ratio Lower Upper

43 100

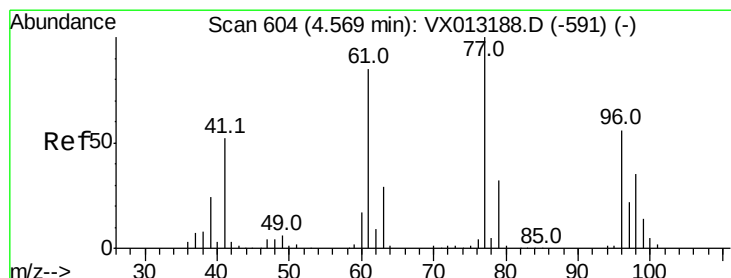
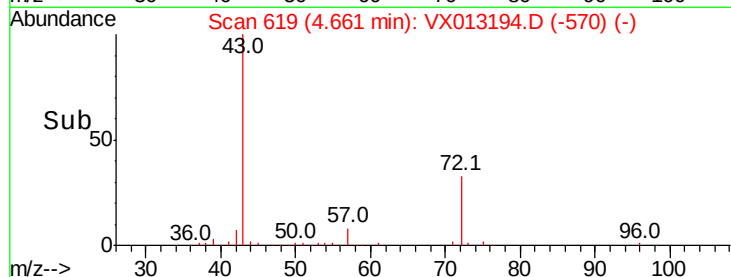
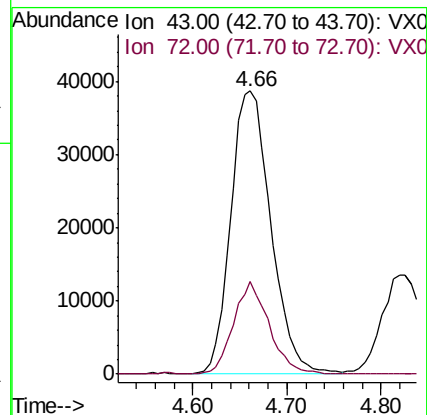
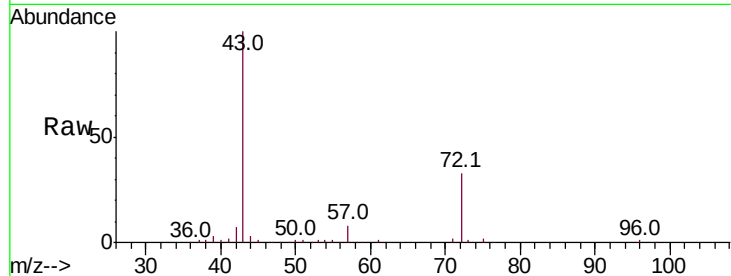
72 32.4 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.619 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013194.D

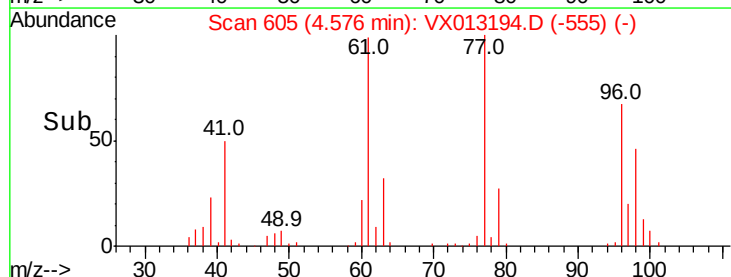
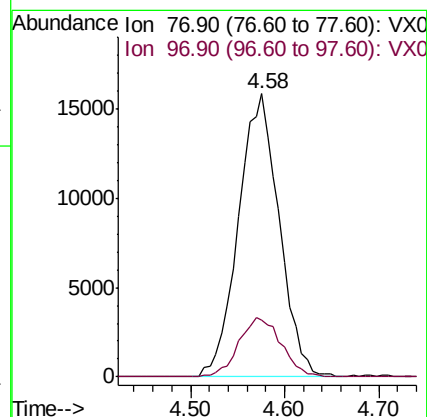
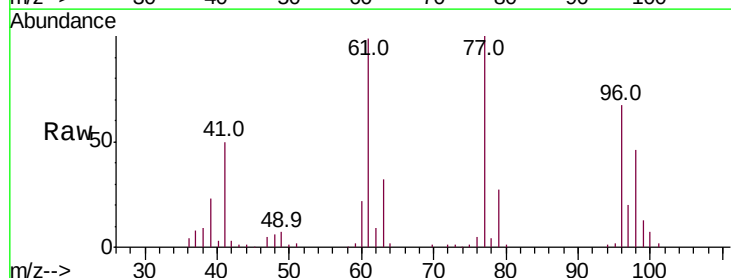
Acq: 23 Oct 2019 18:09

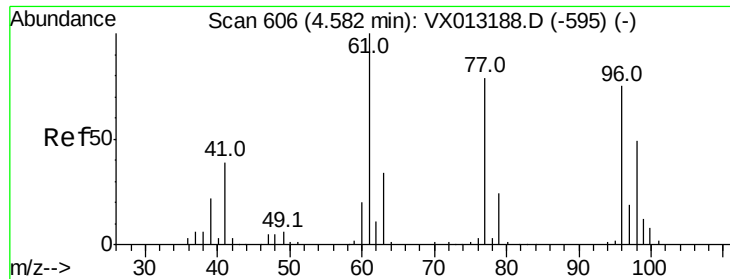
Tgt Ion: 77 Resp: 47802

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.6





#27

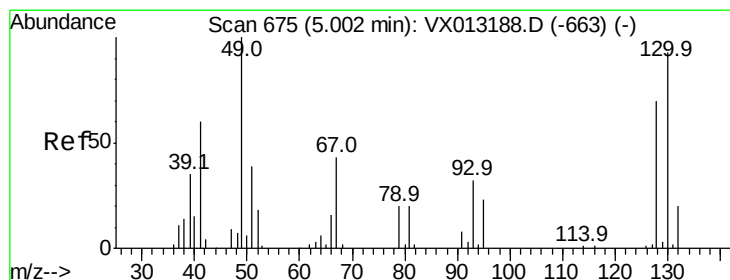
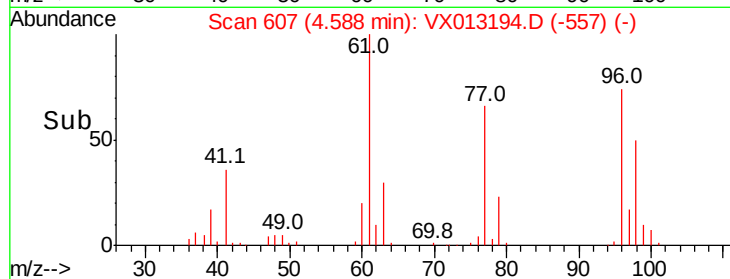
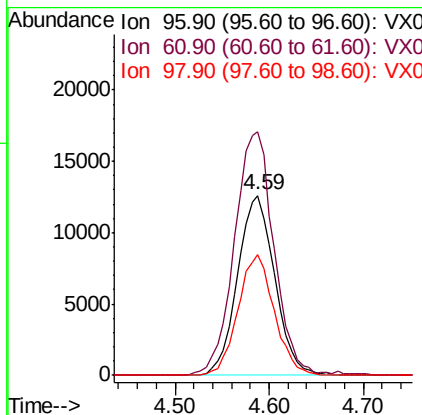
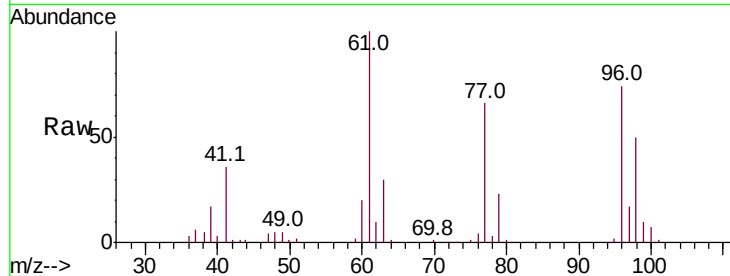
cis-1,2-Dichloroethene
 Concen: 19.343 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	290.4
98	65.5	0.0	130.4

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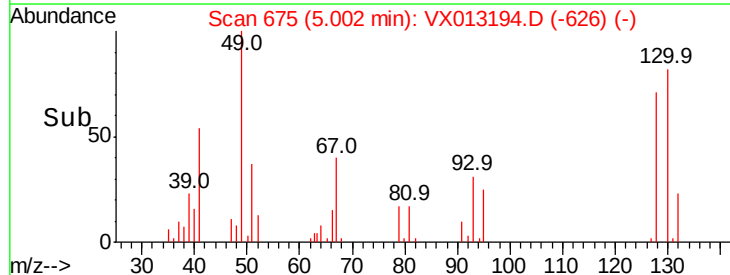
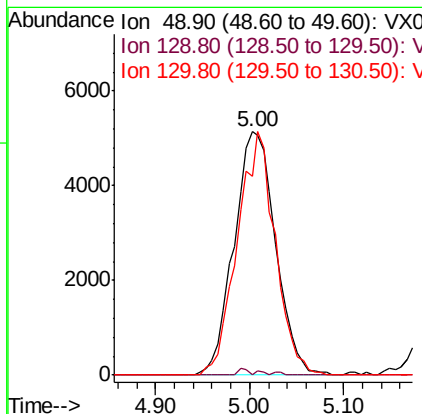
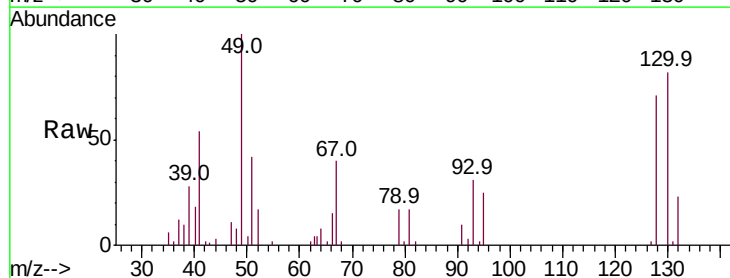
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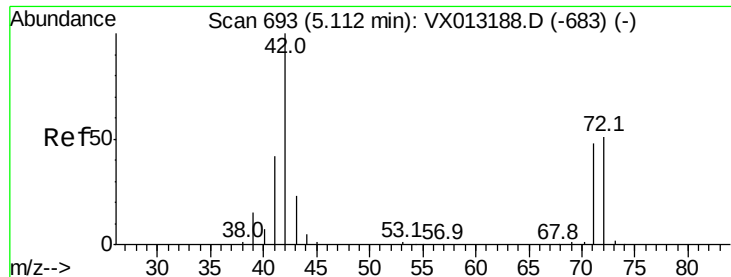


#28

Bromochloromethane
 Concen: 21.995 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.8
130	91.1	71.8	107.8





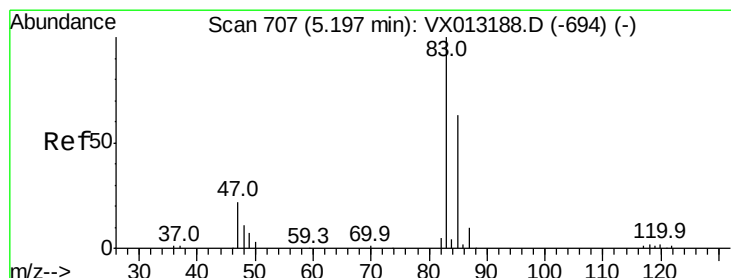
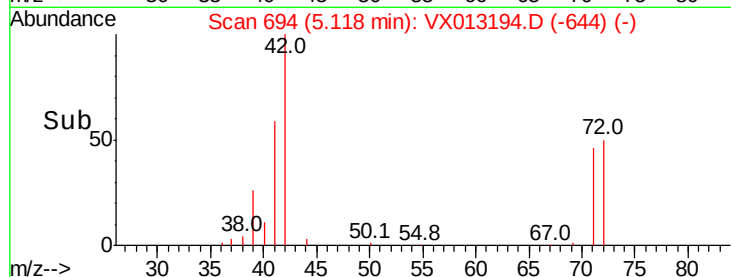
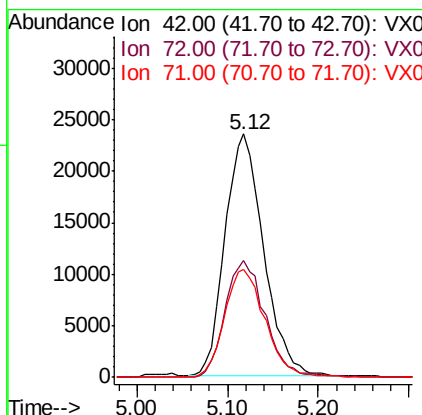
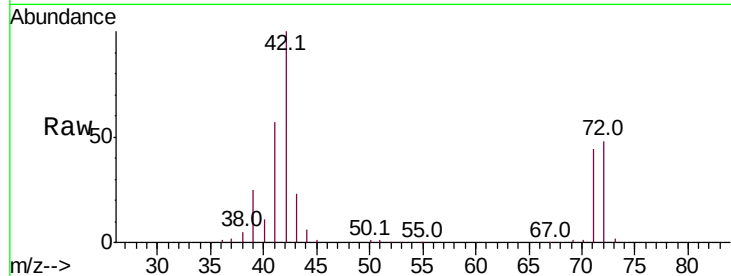
#29
Tetrahydrofuran
Concen: 100.497 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.7	40.9	61.3
71	47.0	38.6	57.8

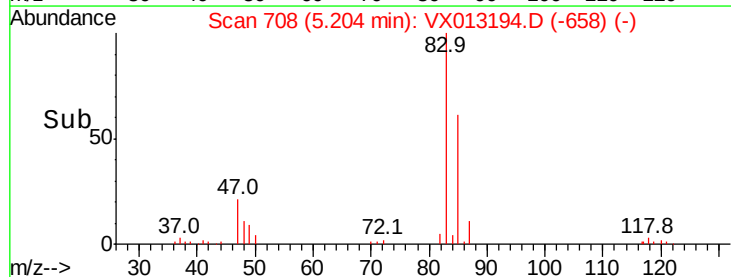
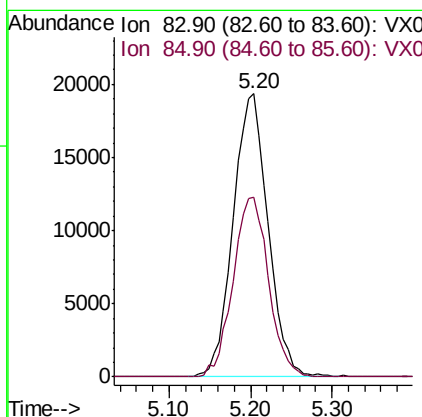
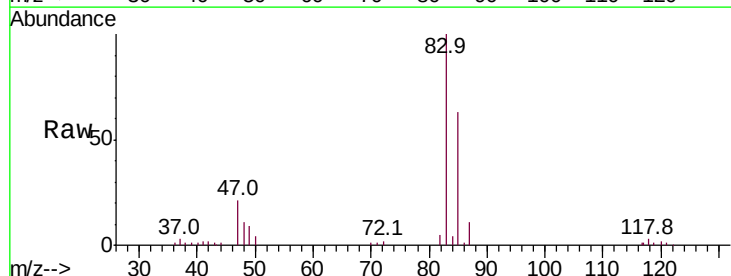
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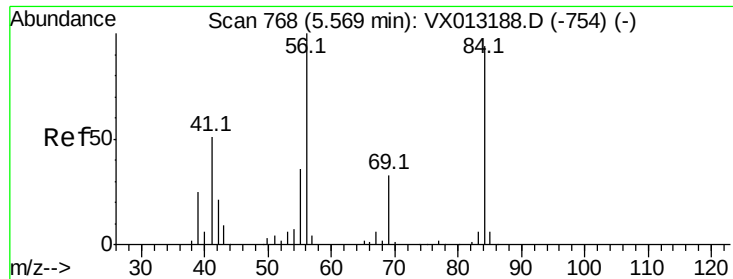
MMDadoda
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#30
Chloroform
Concen: 19.341 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.1	75.1





#31

Cyclohexane

Concen: 20.028 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion: 56 Resp: 46659

Ion Ratio Lower Upper

56 100

69 31.6 26.3 39.5

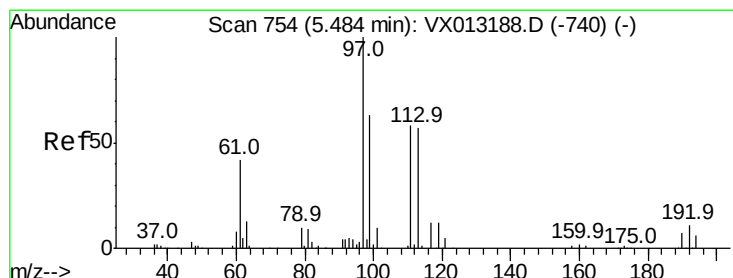
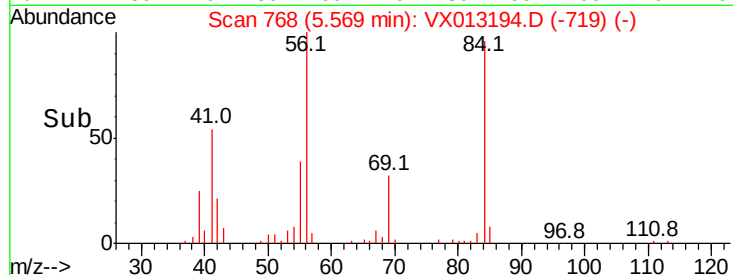
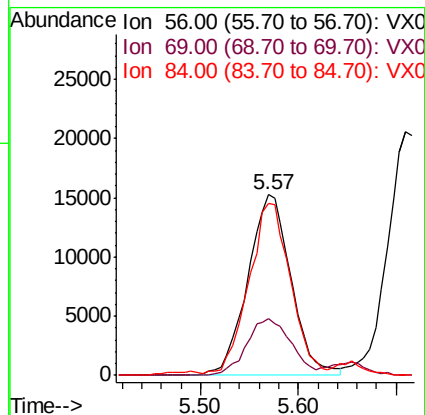
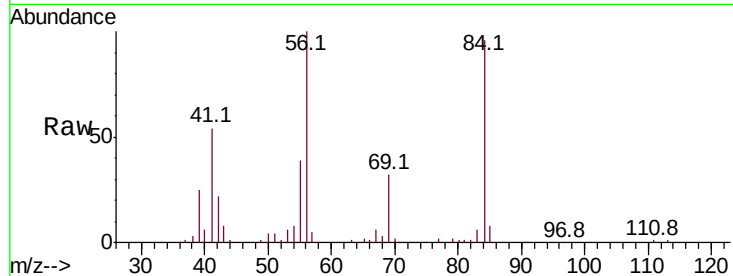
84 93.5 73.8 110.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.366 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

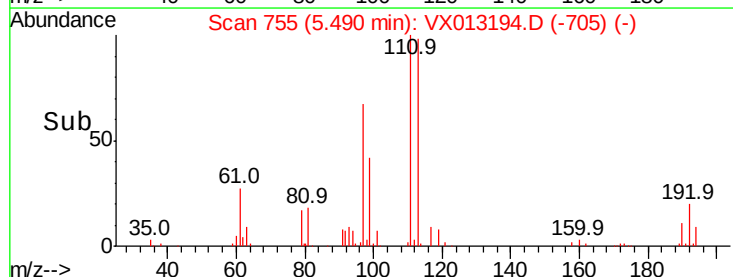
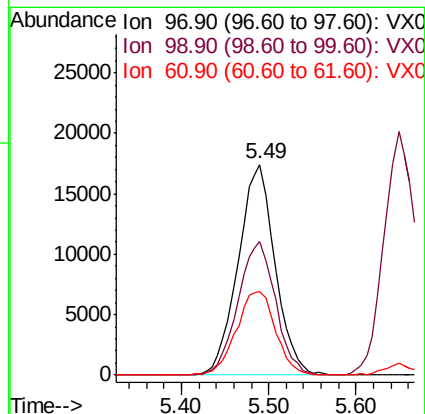
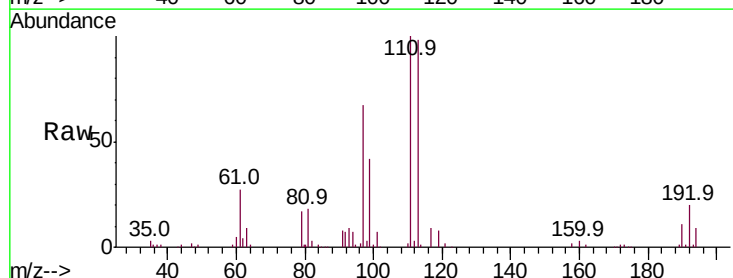
Tgt Ion: 97 Resp: 50929

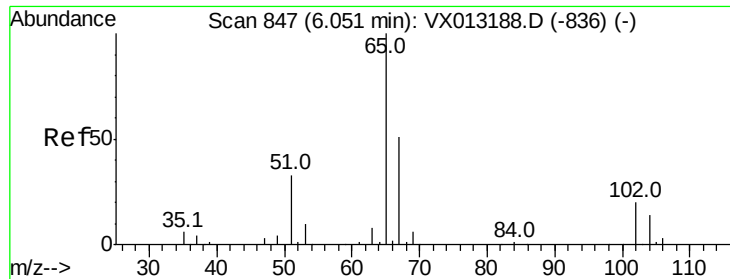
Ion Ratio Lower Upper

97 100

99 64.6 50.8 76.2

61 42.1 32.8 49.2





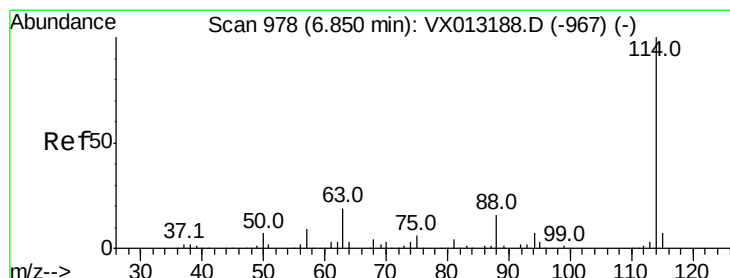
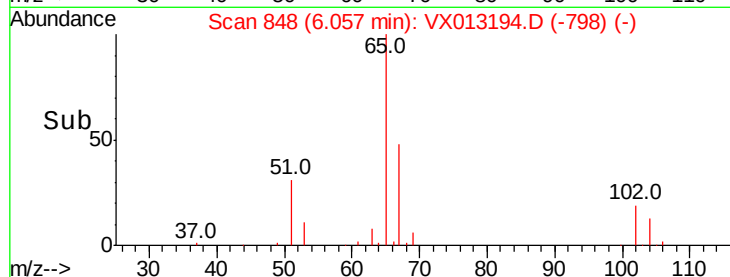
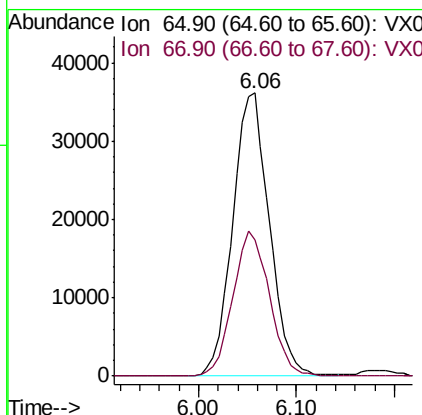
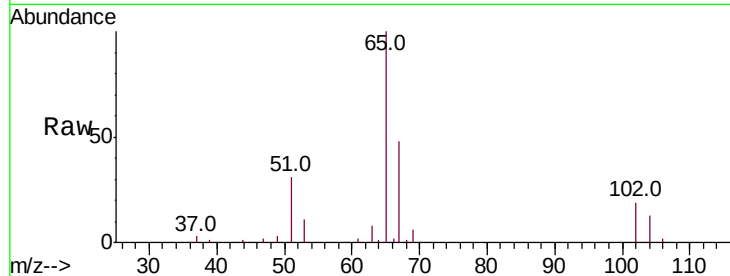
#33
 1,2-Dichloroethane-d4
 Concen: 52.135 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Tot Ion: 65 Resp: 93916
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6

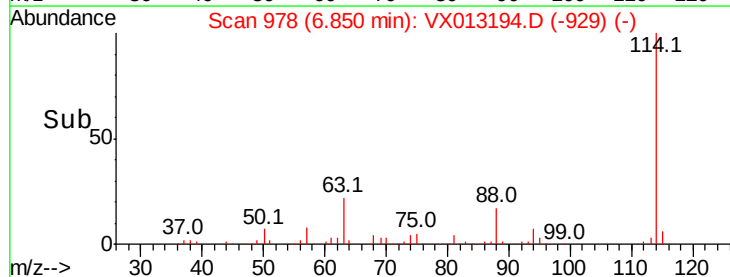
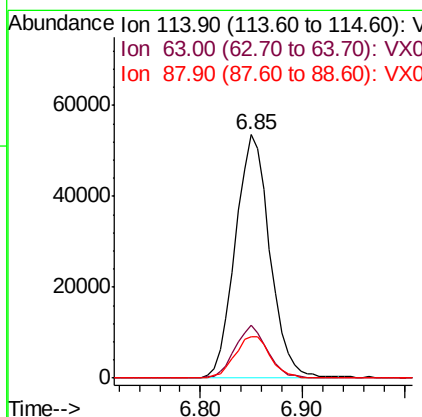
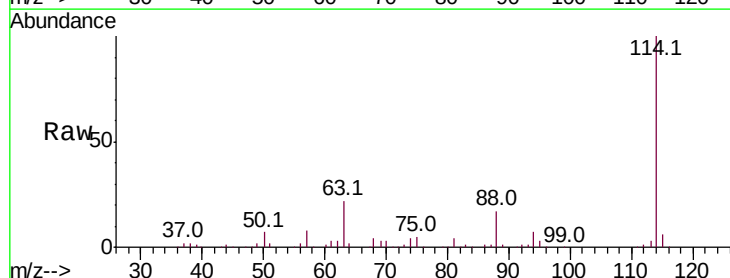
Manual Integrations
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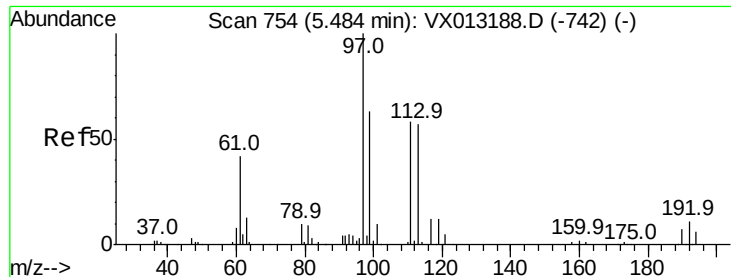
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion: 114 Resp: 125729
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 39.0
 88 17.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.700 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

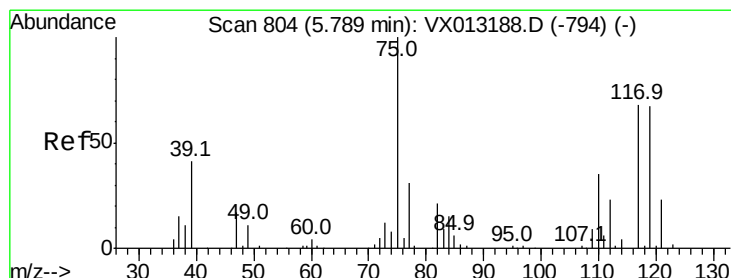
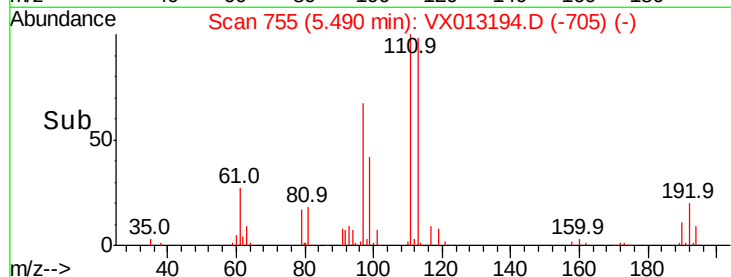
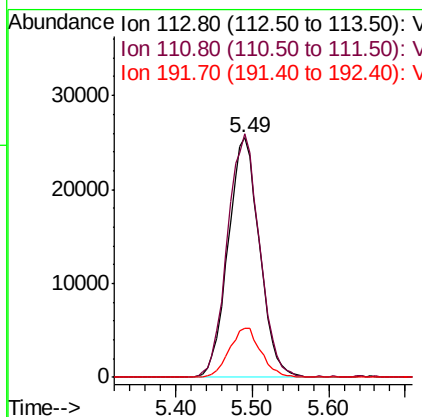
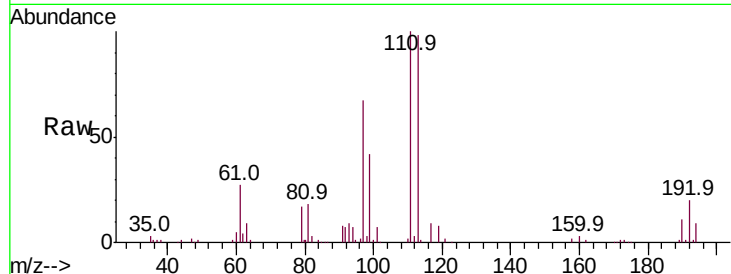
ClientSampleId :

VX1024WBS02

Tot Ion:	113	Resp:	72487
Ion Ratio	Lower	Upper	
113	100		
111	103.7	80.3	120.5
192	20.6	15.9	23.9

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#36

1,1-Dichloropropene

Concen: 19.386 ug/l

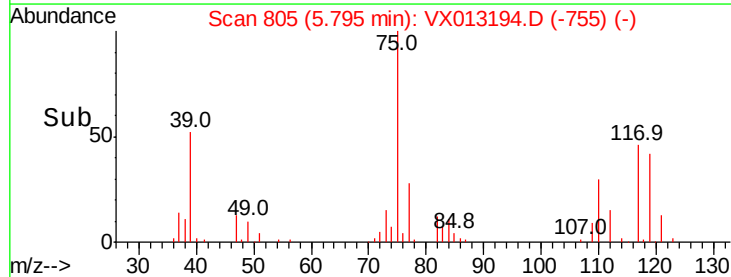
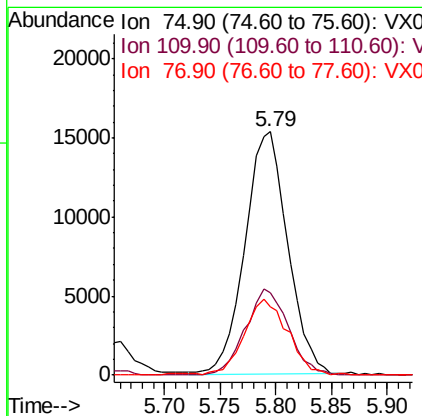
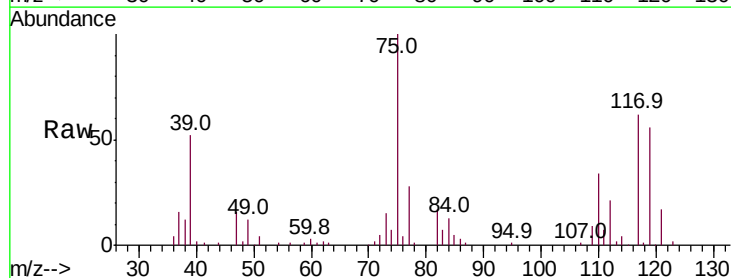
RT: 5.79 min Scan# 805

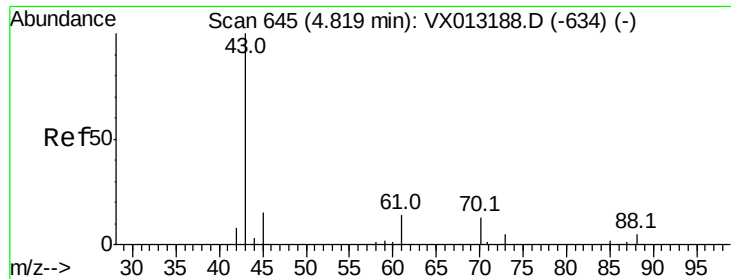
Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Tgt Ion:	75	Resp:	40900
Ion Ratio	Lower	Upper	
75	100		
110	35.6	17.6	52.9
77	31.9	24.7	37.1





#37

Ethyl Acetate

Concen: 20.714 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

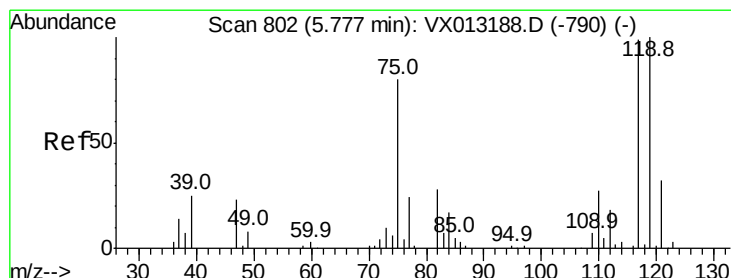
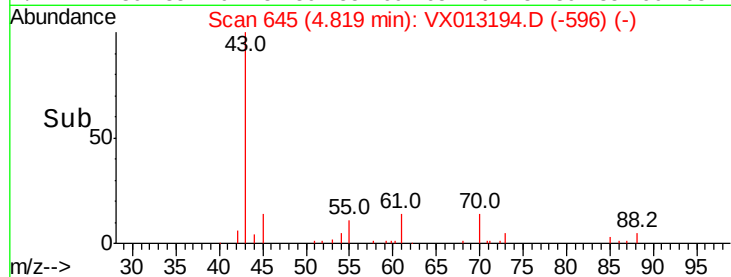
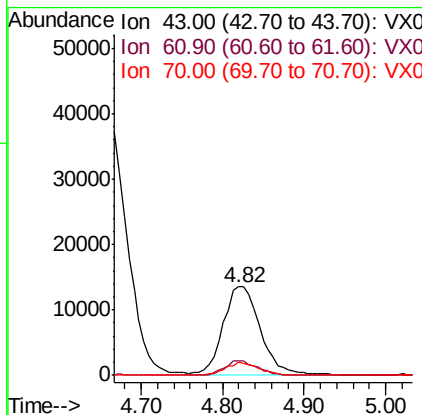
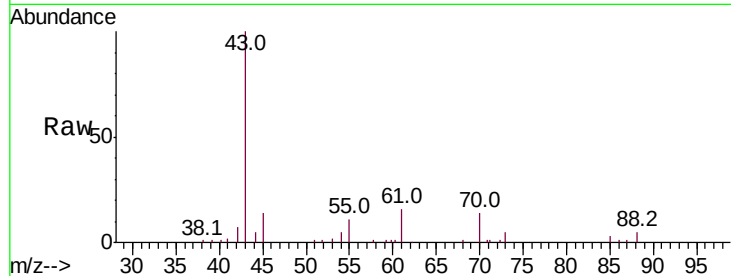
ClientSampleId :

VX1024WBS02

Tot Ion:	43	Resp:	43399
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.1	18.1
70	12.7	10.4	15.6

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#38

Carbon Tetrachloride

Concen: 18.854 ug/l

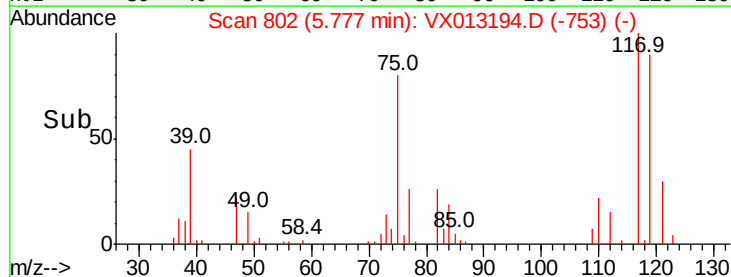
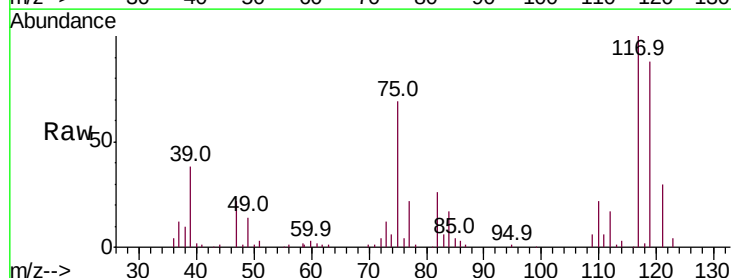
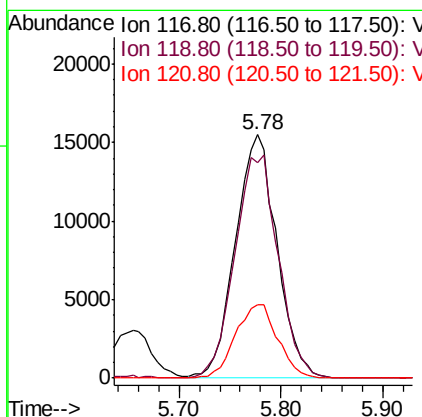
RT: 5.78 min Scan# 802

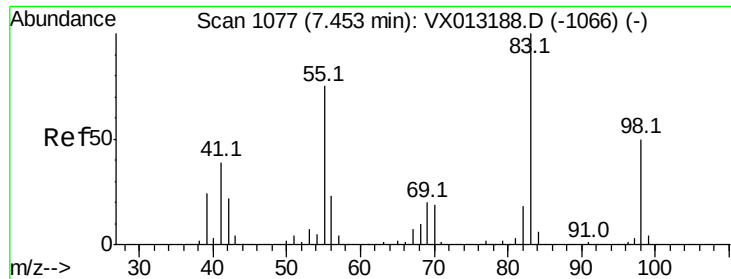
Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Tgt Ion:	117	Resp:	43816
Ion	Ratio	Lower	Upper
117	100		
119	88.2	80.1	120.1
121	30.0	25.5	38.3





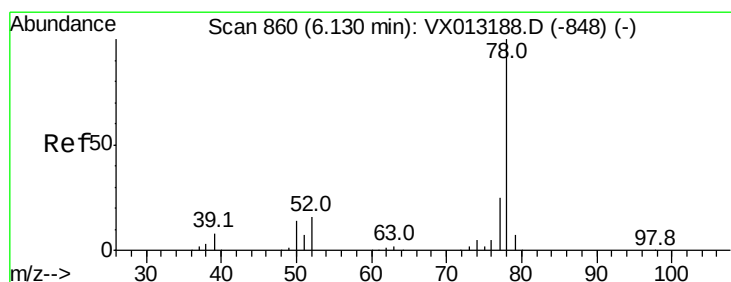
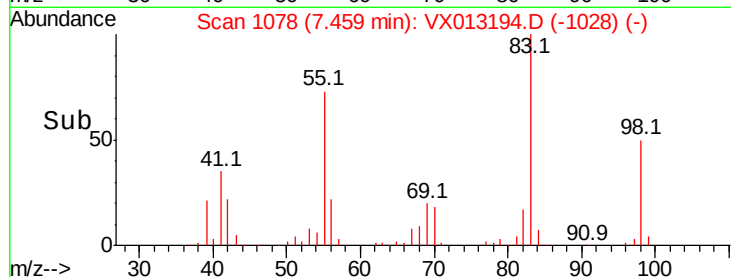
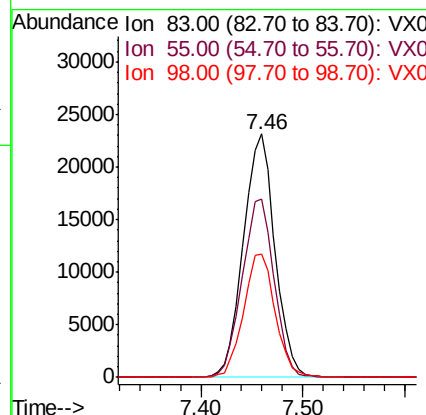
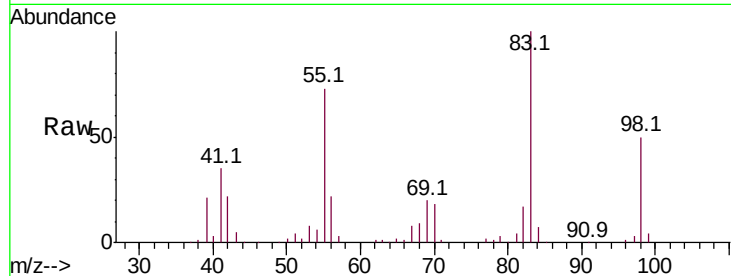
#39
Methylvlcyclohexane
Concen: 18.525 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	83	Resp	49862
Ion Ratio	100	Lower	Upper
83	100		
55	73.2	60.1	90.1
98	50.4	39.8	59.8

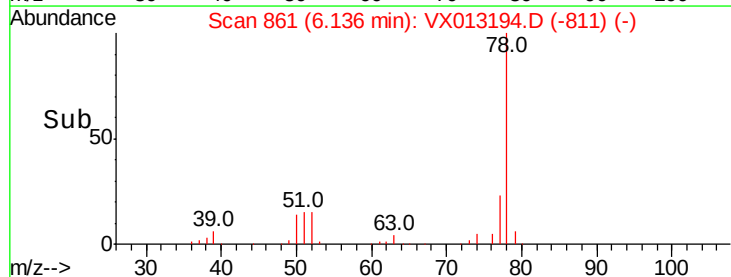
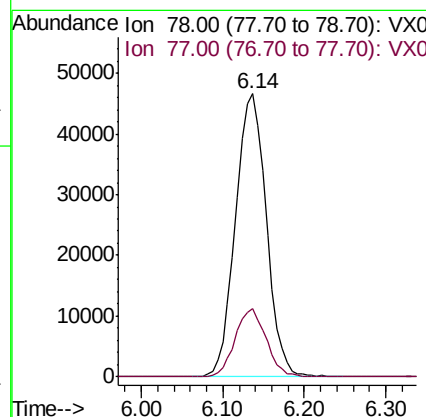
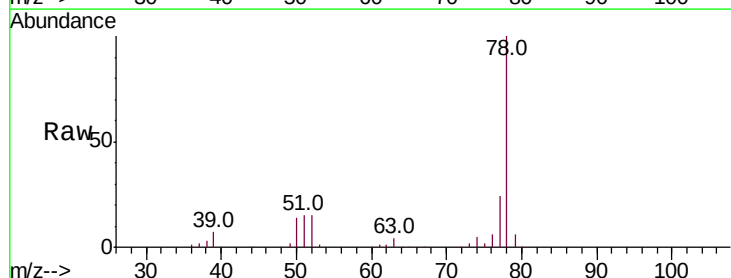
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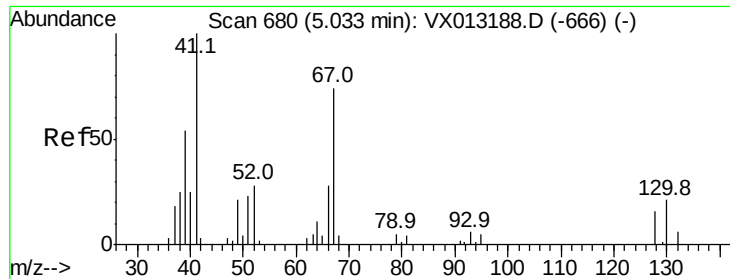
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#40
Benzene
Concen: 19.315 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	78	Resp	121980
Ion Ratio	100	Lower	Upper
78	100		
77	23.9	19.6	29.4





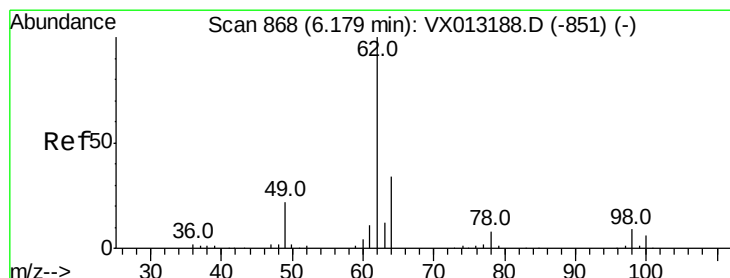
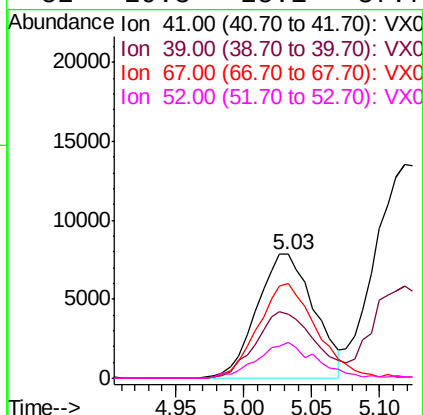
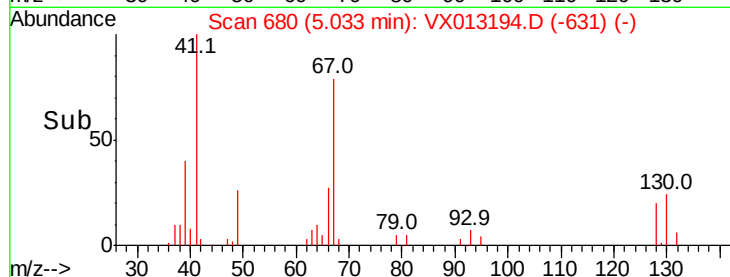
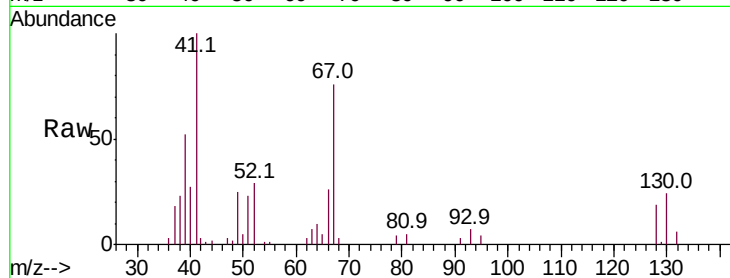
#41
Methacrylonitrile
Concen: 20.564 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	45.2	67.8	
67	78.1	61.3	91.9	
52	29.3	25.1	37.7	

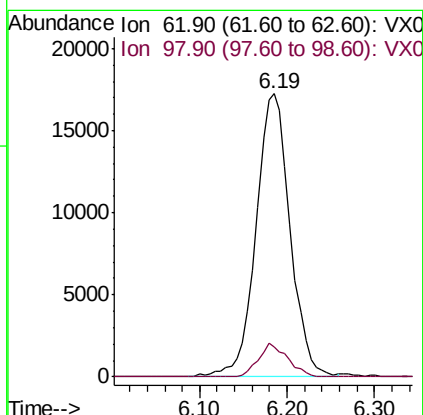
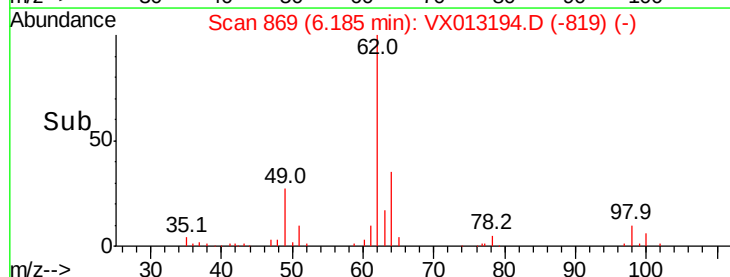
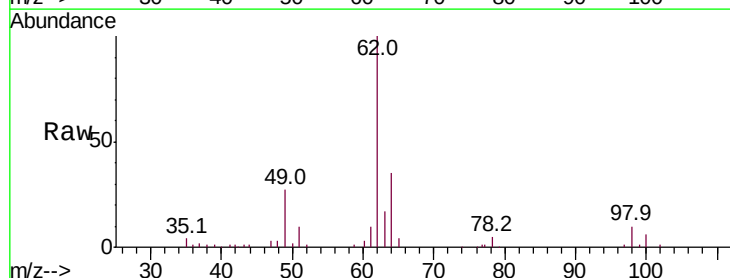
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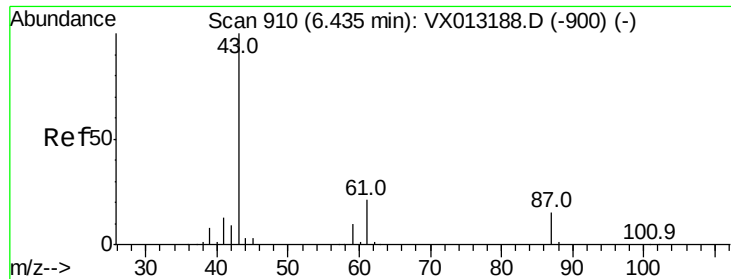
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.701 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	18.4	





#43

Isopropyl Acetate

Concen: 20.373 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

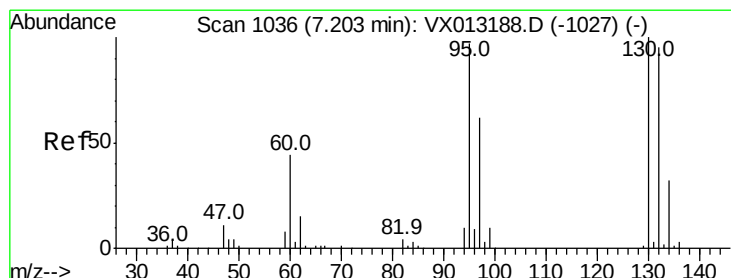
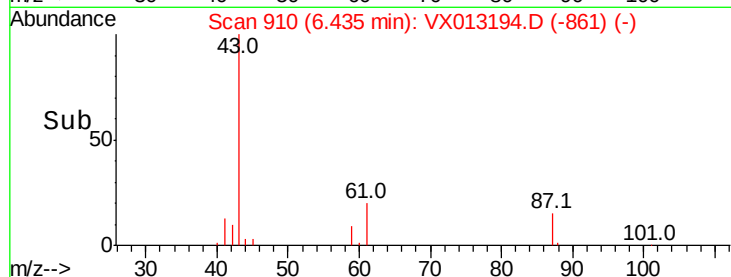
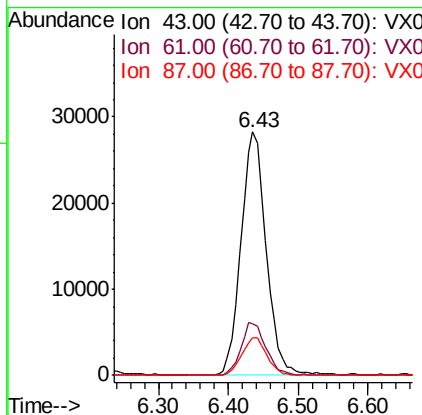
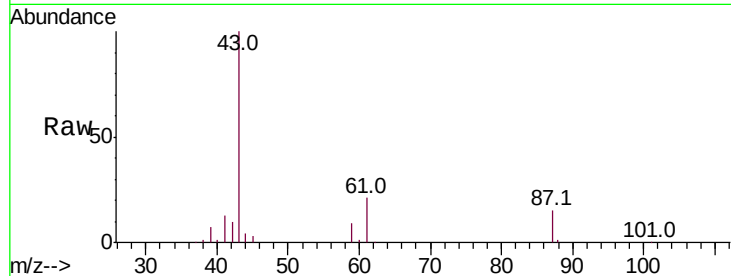
ClientSampleId :

VX1024WBS02

Tot Ion:	43	Resp:	70872
Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	15.2	12.1	18.1

Manual Integrations
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#44

Trichloroethene

Concen: 19.122 ug/l

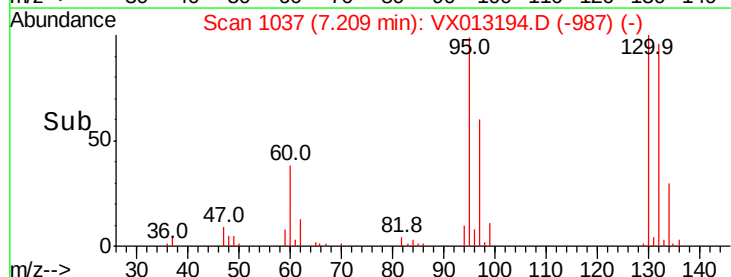
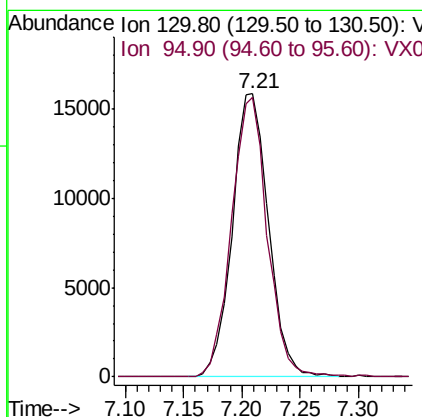
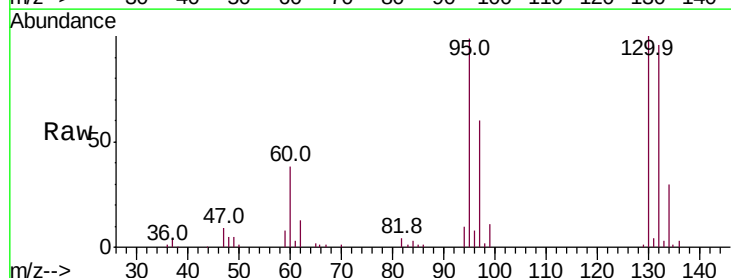
RT: 7.21 min Scan# 1037

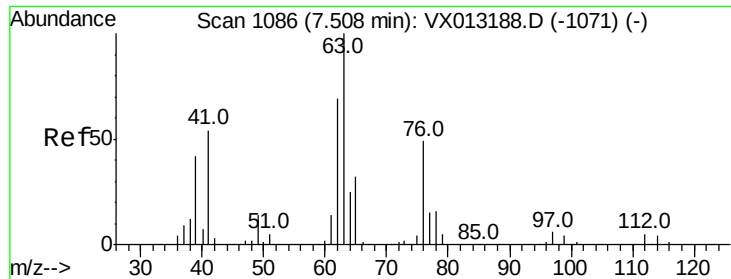
Delta R.T. 0.01 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Tgt Ion:	130	Resp:	34274
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	193.6





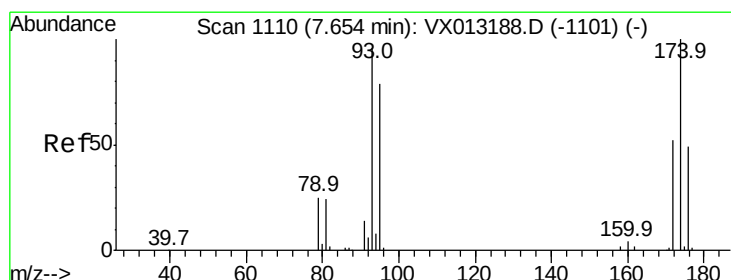
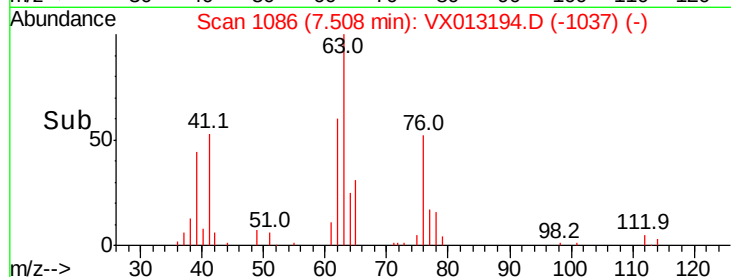
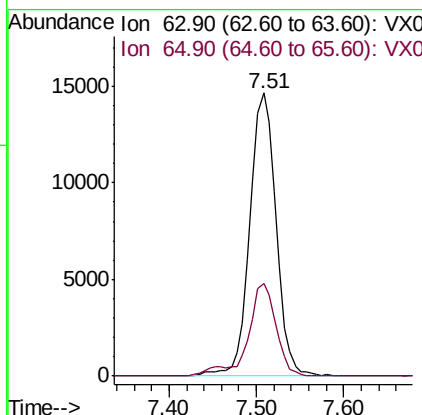
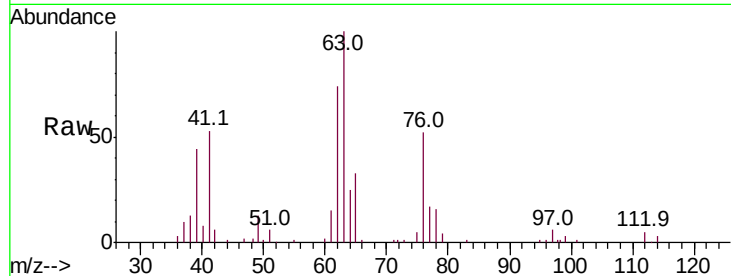
#45
 1,2-Dichloropropane
 Concen: 19.322 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Tot Ion: 63 Resp: 30562
 Ion Ratio Lower Upper
 63 100
 65 32.9 25.3 37.9

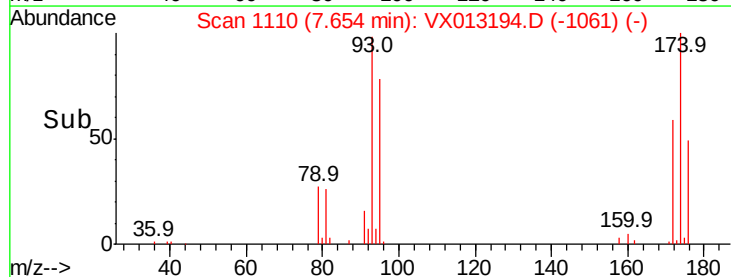
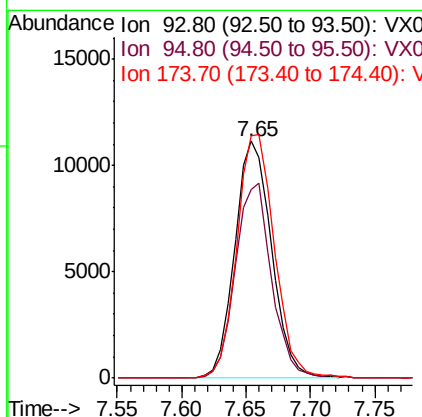
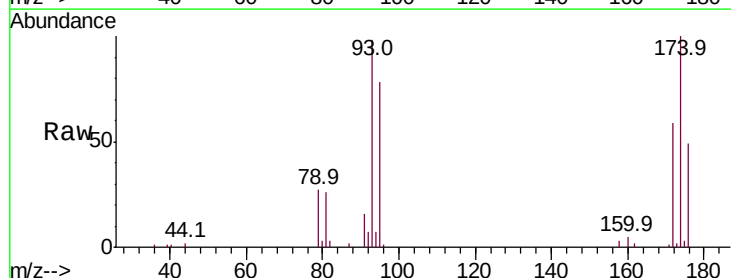
Manual Integrations
 APPROVED

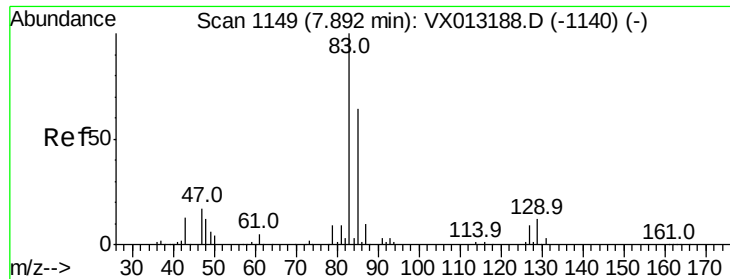
MMDadoda
 10/25/2019 4:33:12 PM



#46
 Dibromomethane
 Concen: 19.347 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion: 93 Resp: 22047
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.2 99.4
 174 105.0 85.2 127.8





#47

Bromodichloromethane

Concen: 19.129 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

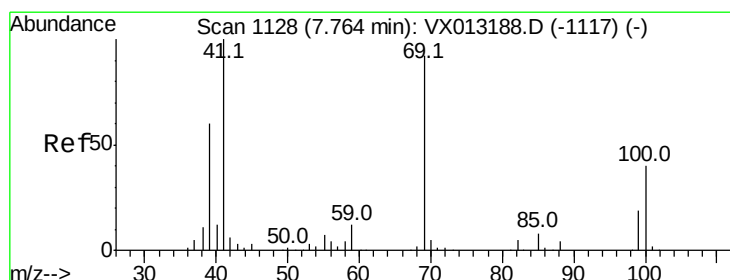
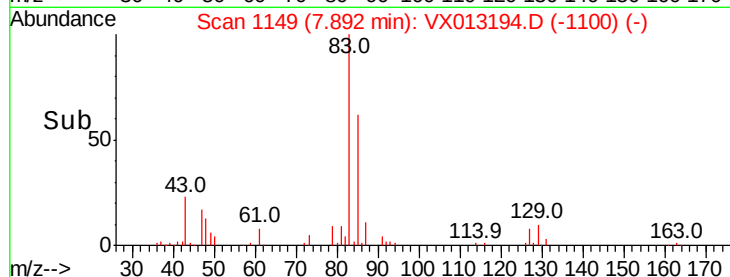
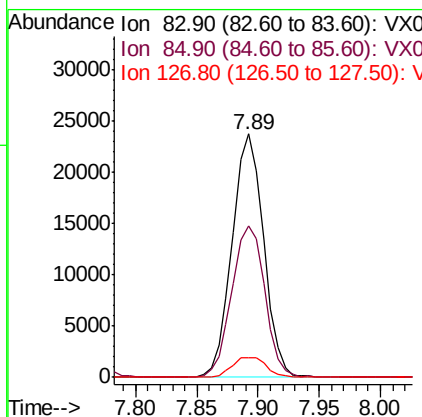
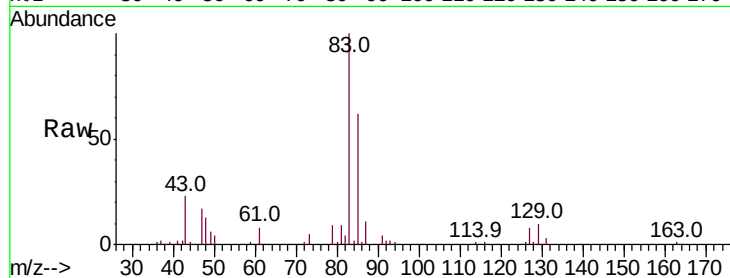
ClientSampleId :

VX1024WBS02

Tot Ion:	83	Resp:	42481
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.0	76.6
127	8.1	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.667 ug/l

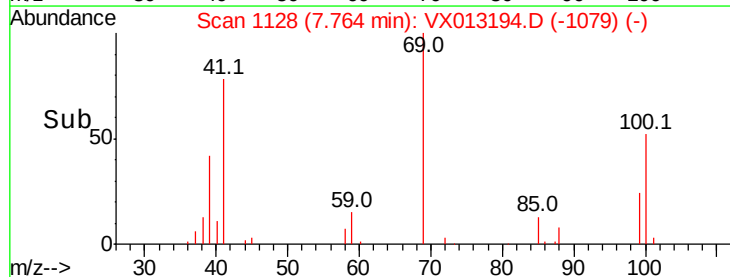
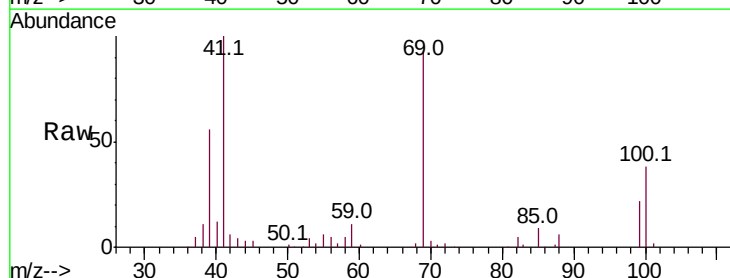
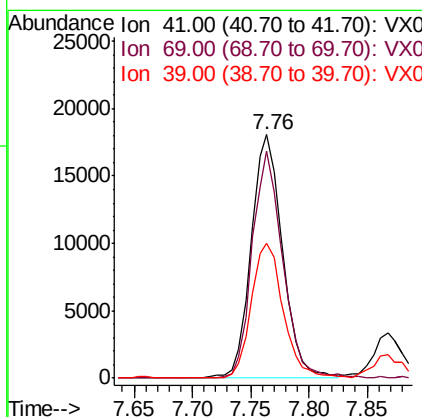
RT: 7.76 min Scan# 1128

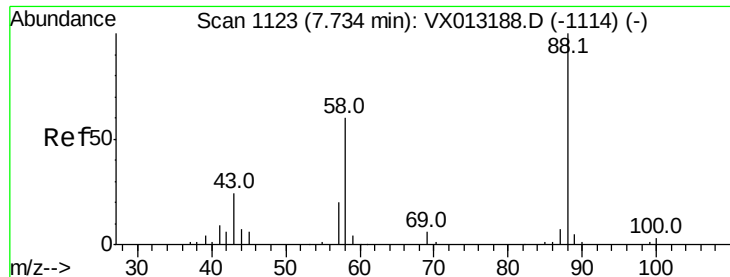
Delta R.T. 0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Tgt Ion:	41	Resp:	33815
Ion	Ratio	Lower	Upper
41	100		
69	90.9	72.0	108.0
39	56.9	47.4	71.0





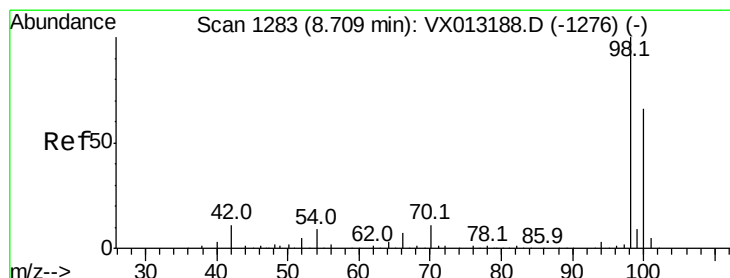
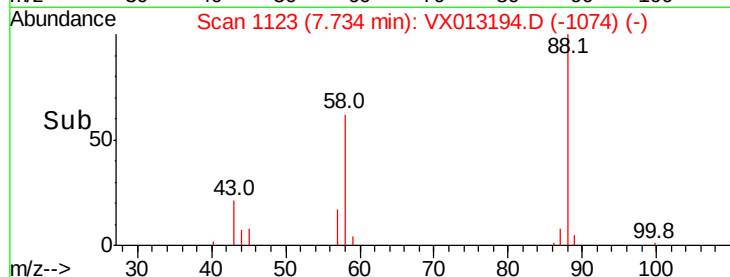
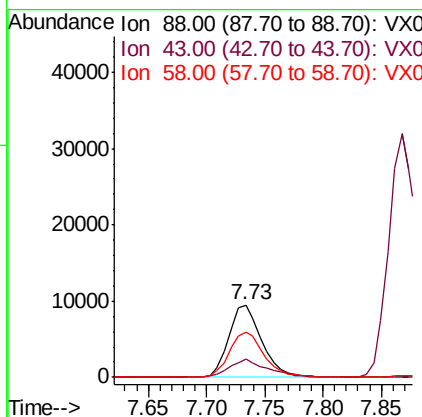
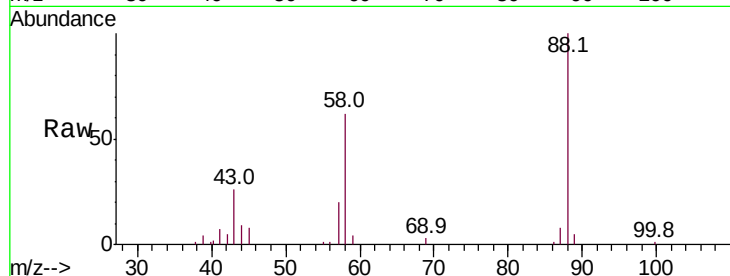
#49
1,4-Dioxane
Concen: 424.232 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.5	24.5	36.7
58	65.4	54.1	81.1

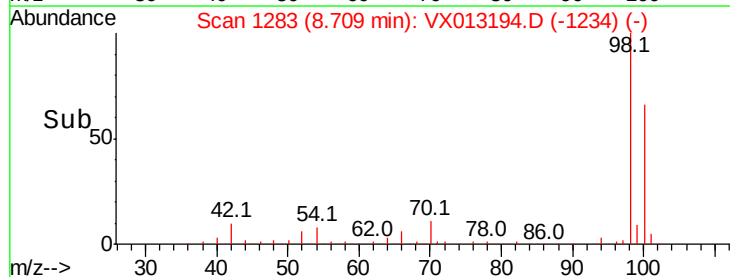
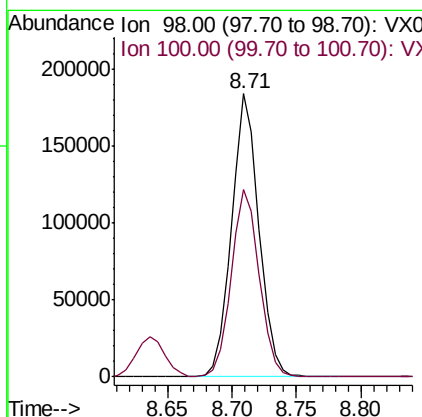
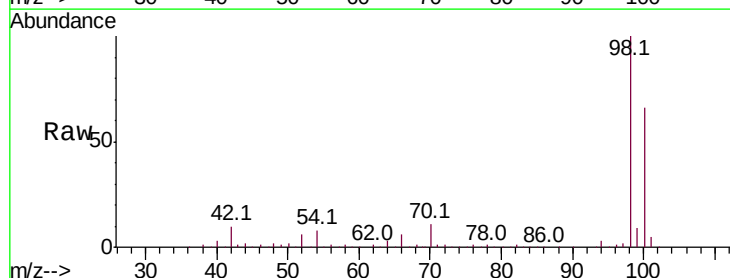
Manual Integrations
APPROVED

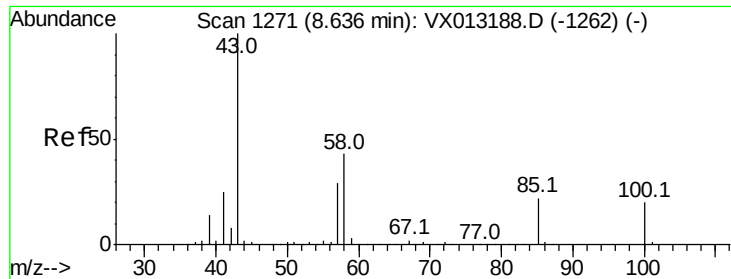
MMDadoda
10/25/2019 4:33:12 PM



#50
Toluene-d8
Concen: 52.418 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 102.060 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion: 43 Resp: 216403

Ion Ratio Lower Upper

43 100

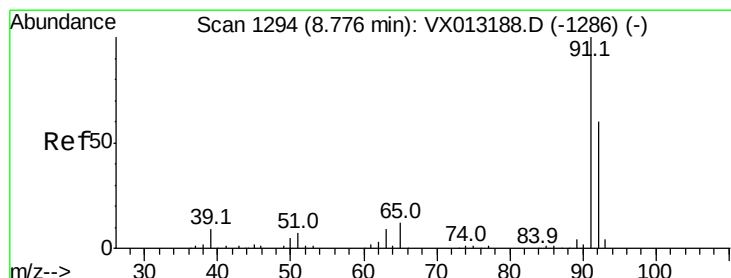
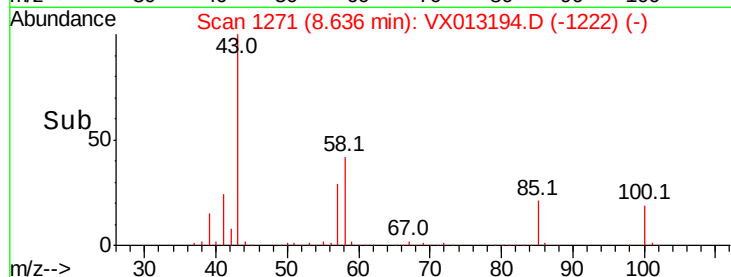
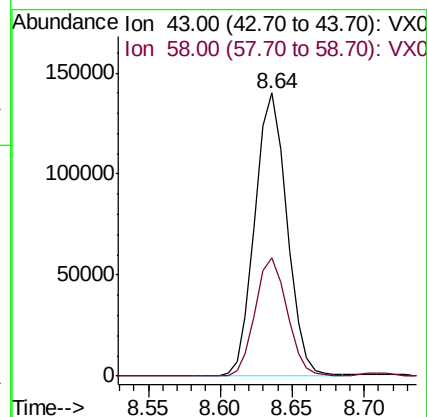
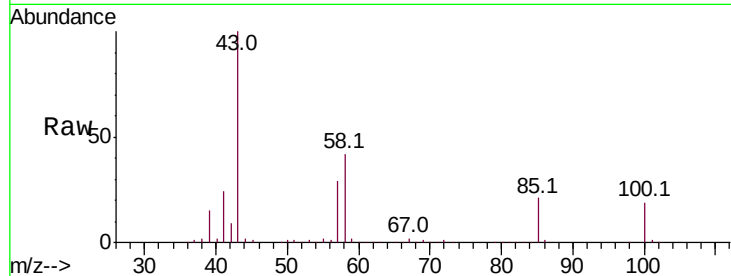
58 41.4 33.9 50.9

Manual Integrations

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#52

Toluene

Concen: 19.449 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013194.D

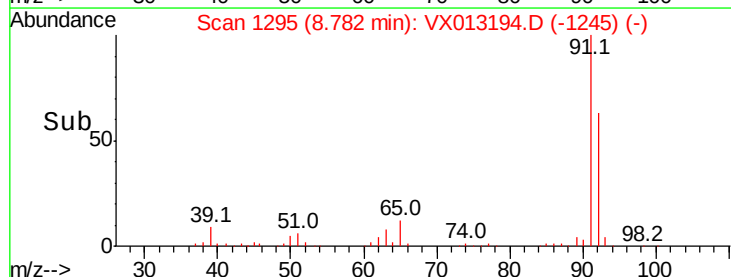
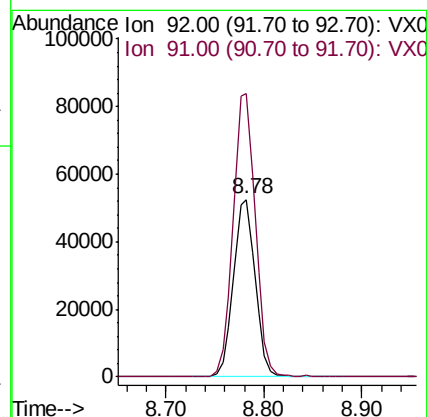
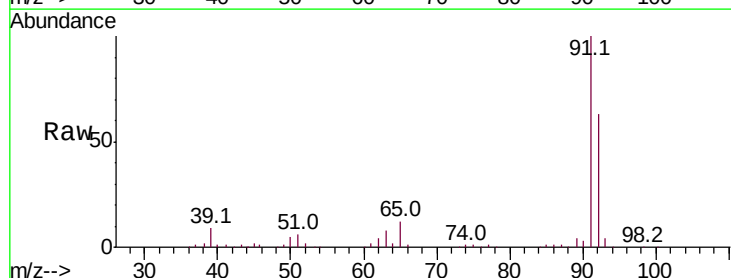
Acq: 23 Oct 2019 18:09

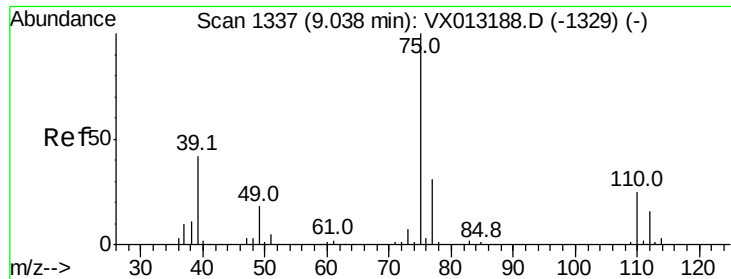
Tgt Ion: 92 Resp: 81397

Ion Ratio Lower Upper

92 100

91 162.7 133.9 200.9





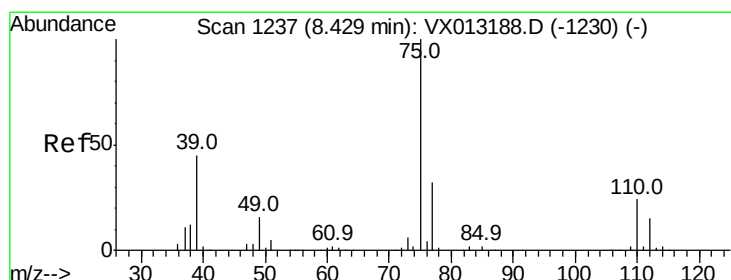
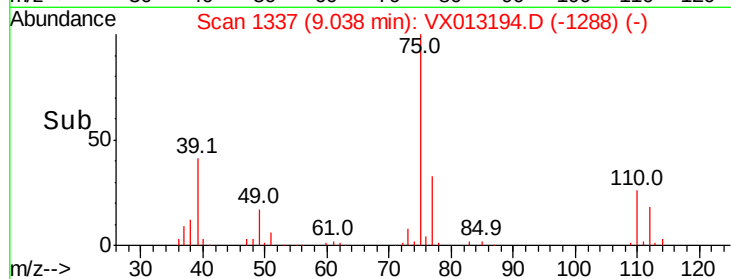
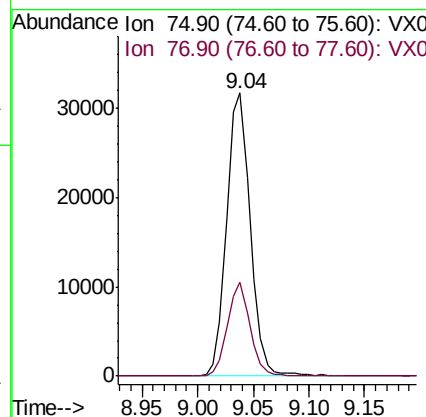
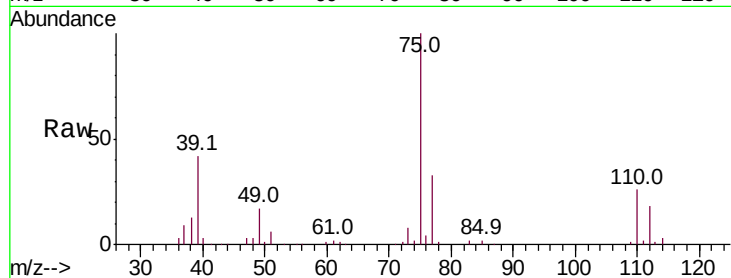
#53
t-1,3-Dichloropropene
Concen: 19.766 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion: 75 Resp: 46647
Ion Ratio Lower Upper
75 100
77 33.1 24.7 37.1

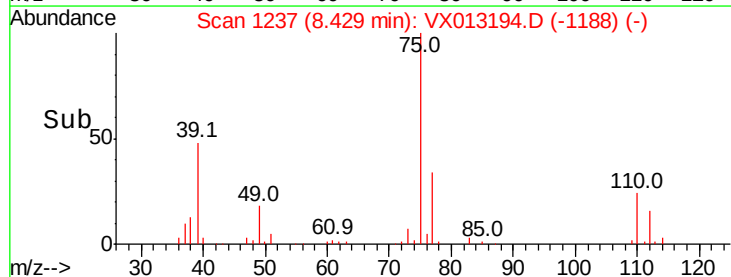
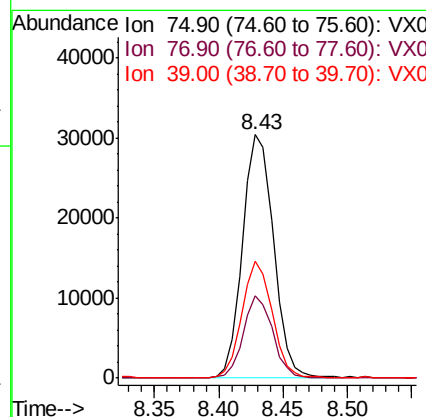
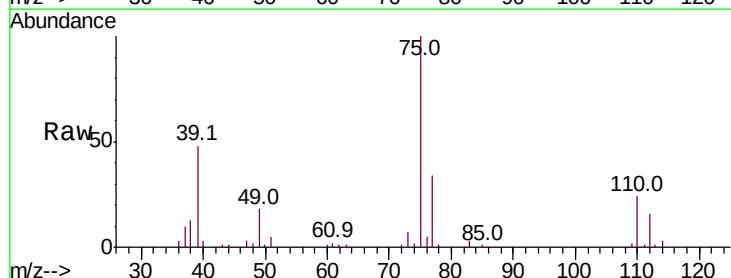
Manual Integrations
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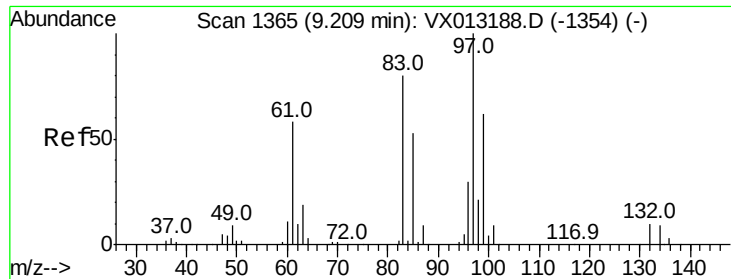
MMDadoda
10/25/2019 4:33:12 PM



#54
cis-1,3-Dichloropropene
Concen: 19.687 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 75 Resp: 50827
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.0
39 48.1 36.2 54.4





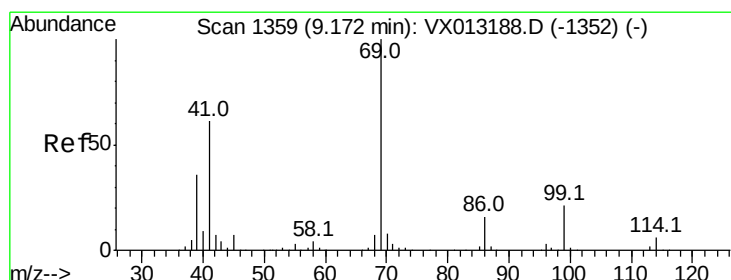
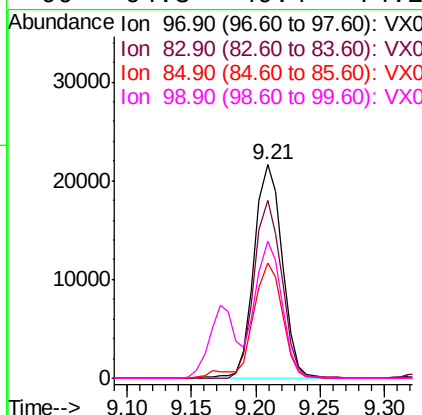
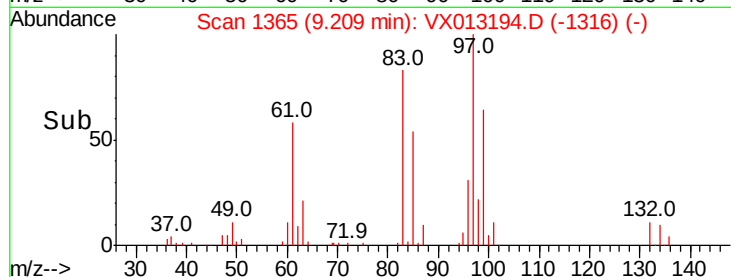
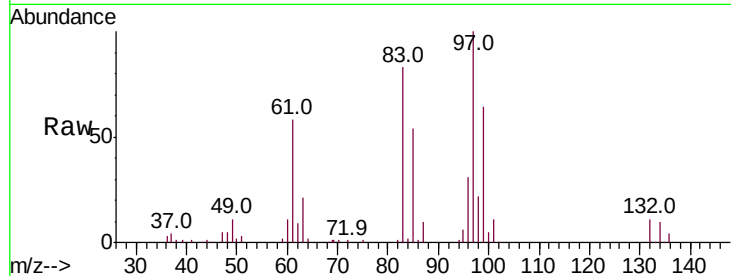
#55
 1,1,2-Trichloroethane
 Concen: 19.675 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.1	64.1	96.1
85	53.7	42.1	63.1
99	64.3	49.4	74.2

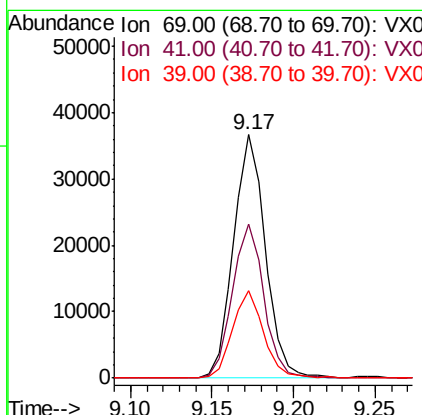
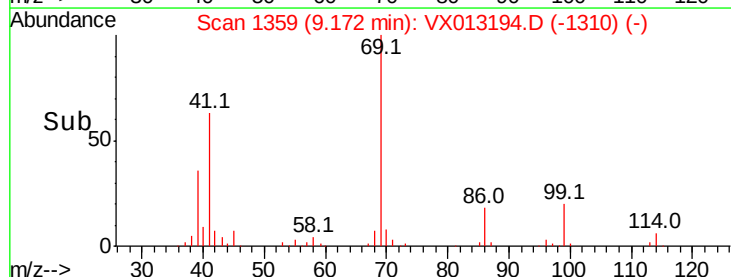
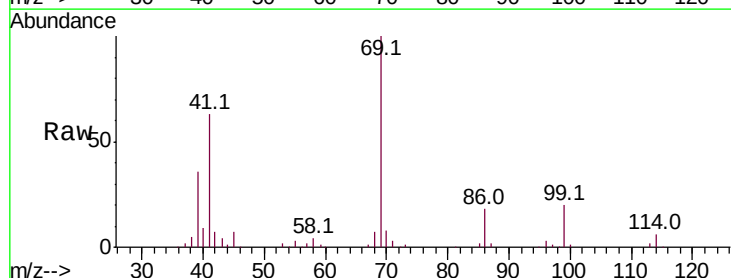
Manual Integrations
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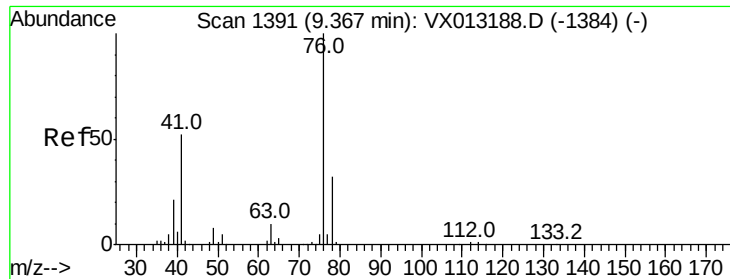
MMDadoda
 10/25/2019 4:33:12 PM



#56
 Ethyl methacrylate
 Concen: 20.062 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.0	49.5	74.3
39	35.6	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.602 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion: 76 Resp: 54728

Ion Ratio Lower Upper

76 100

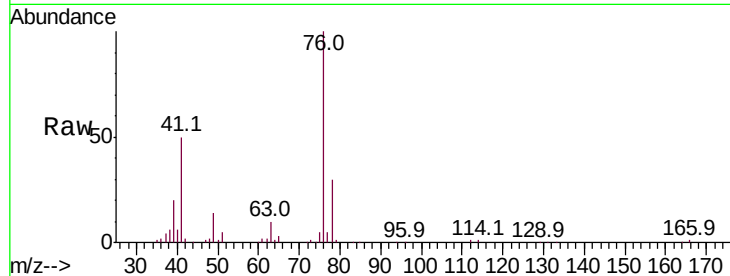
78 31.8 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

40000

30000

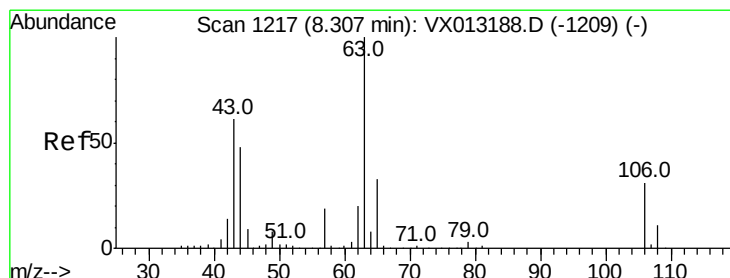
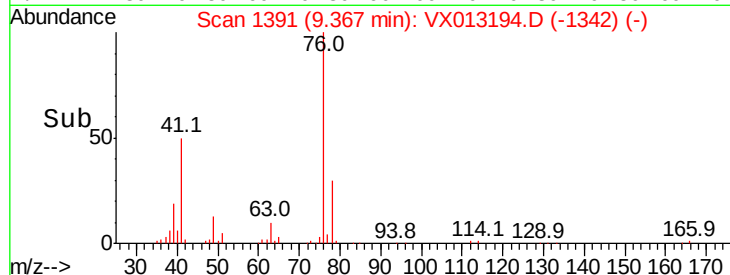
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 108.808 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013194.D

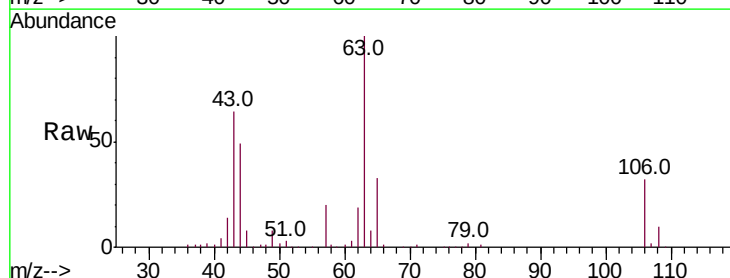
Acq: 23 Oct 2019 18:09

Tgt Ion: 63 Resp: 105734

Ion Ratio Lower Upper

63 100

106 30.8 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

80000

60000

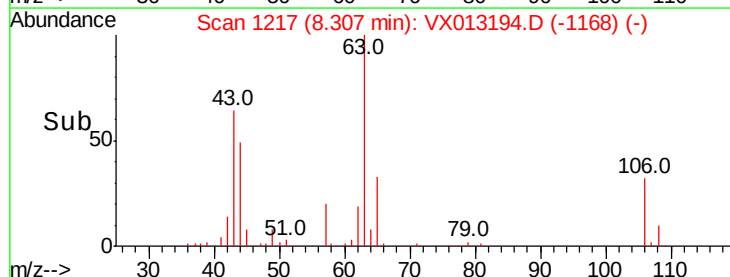
40000

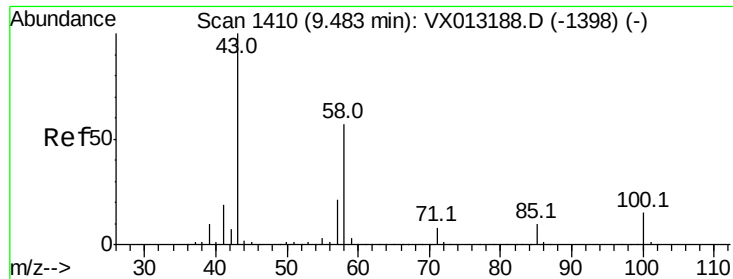
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->





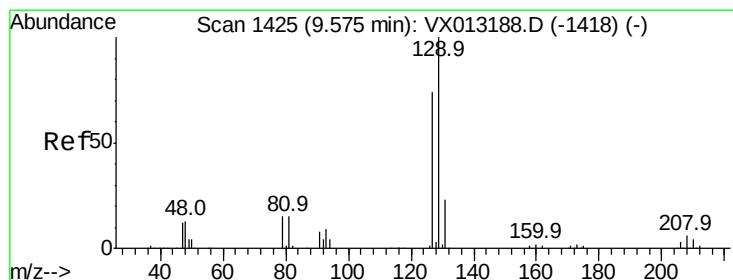
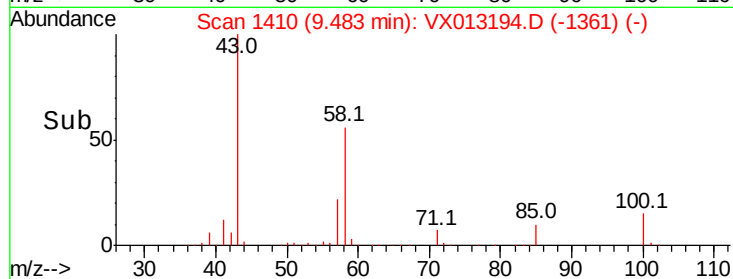
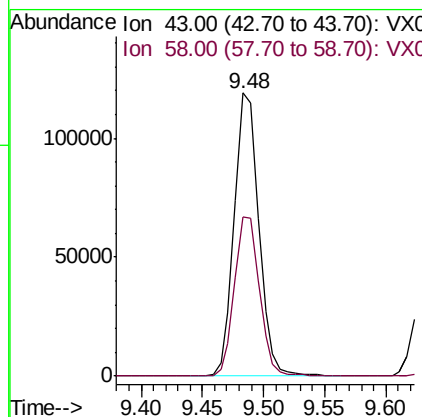
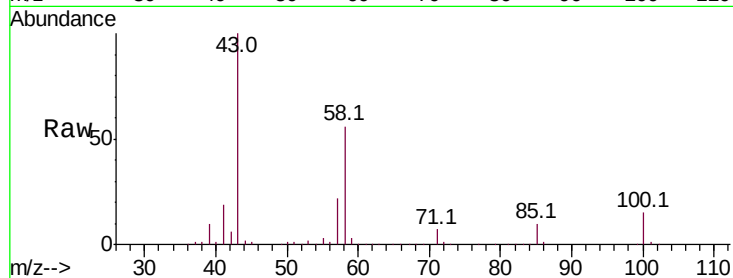
#59
2-Hexanone
Concen: 101.637 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion: 43 Resp: 166003
Ion Ratio Lower Upper
43 100
58 57.1 28.2 84.7

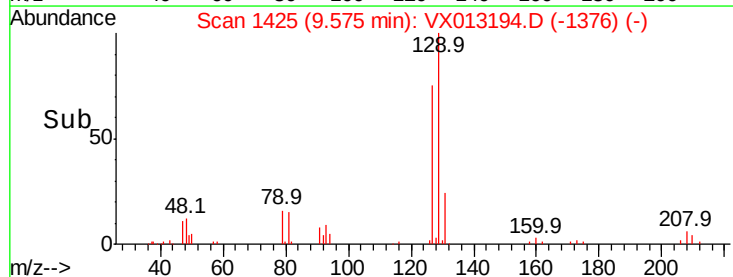
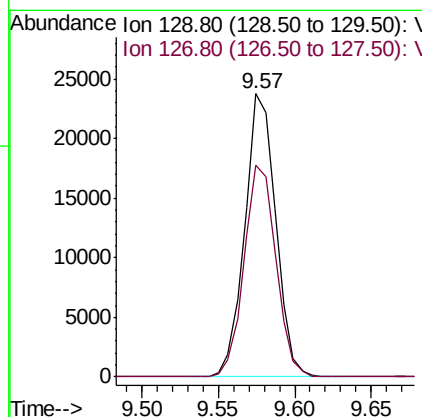
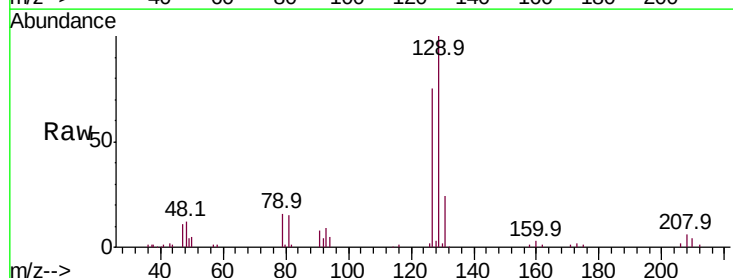
Manual Integrations
APPROVED

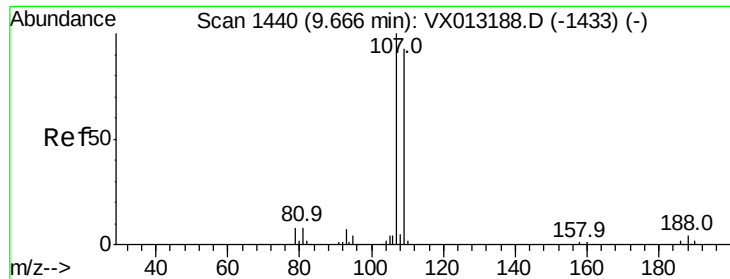
MMDadoda
10/25/2019 4:33:12 PM



#60
Dibromochloromethane
Concen: 19.241 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 129 Resp: 33361
Ion Ratio Lower Upper
129 100
127 77.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.674 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion:107 Resp: 34559

Ion Ratio Lower Upper

107 100

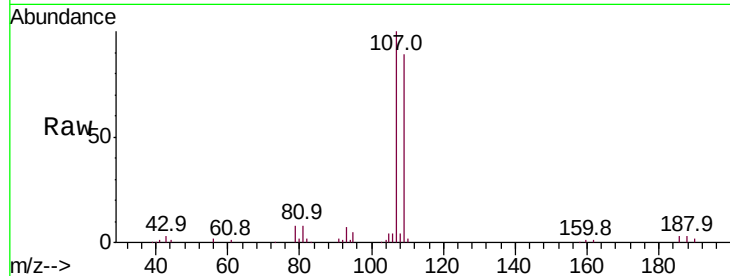
109 93.9 75.7 113.5

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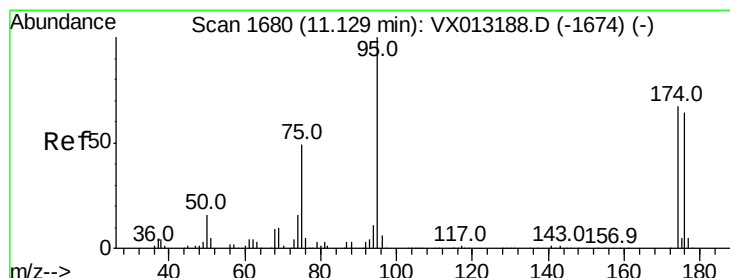
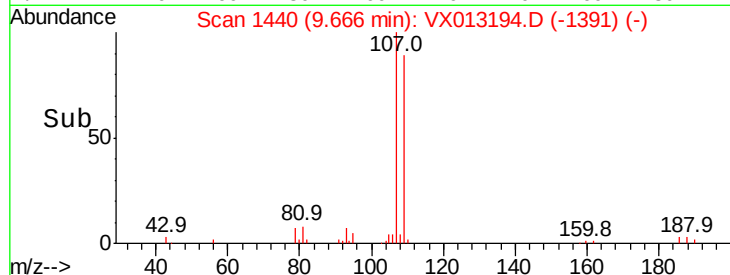


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

Time-->



#62

4-Bromofluorobenzene

Concen: 50.503 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

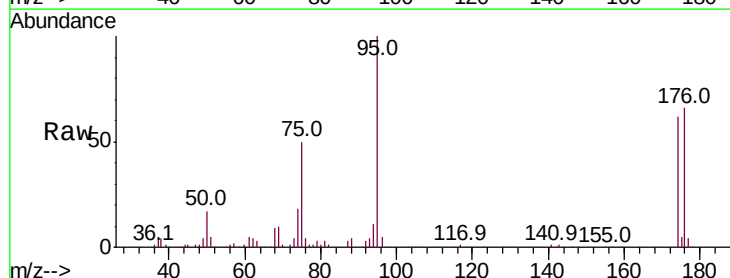
Tgt Ion: 95 Resp: 103862

Ion Ratio Lower Upper

95 100

174 75.8 0.0 152.4

176 71.8 0.0 146.0



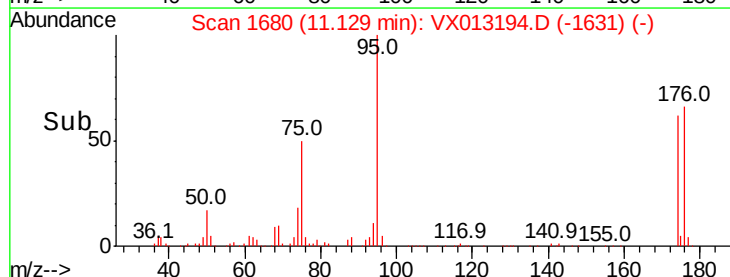
Abundance Ion 94.90 (94.60 to 95.60): VX0

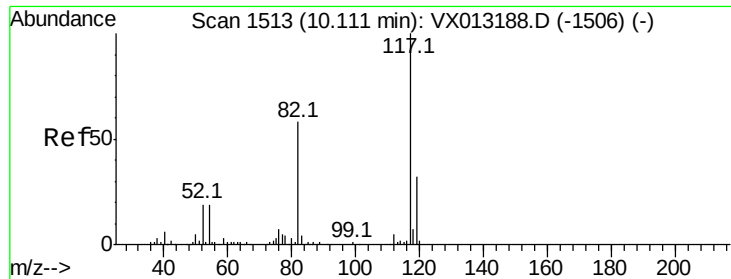
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

Time-->





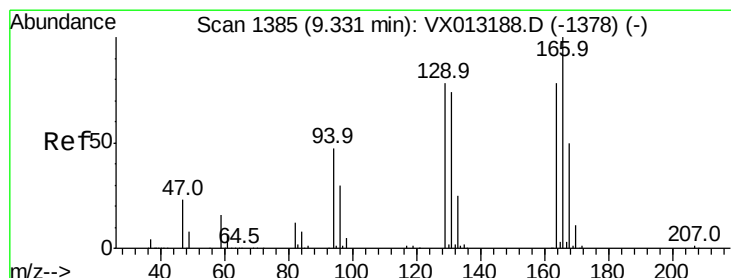
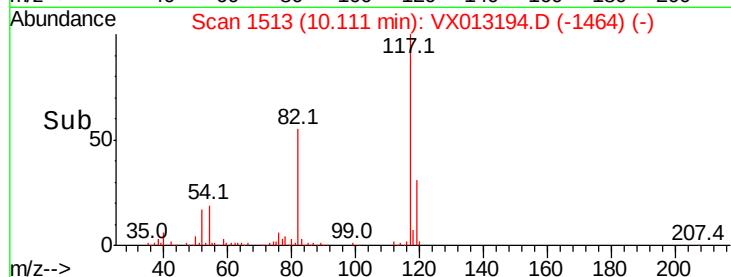
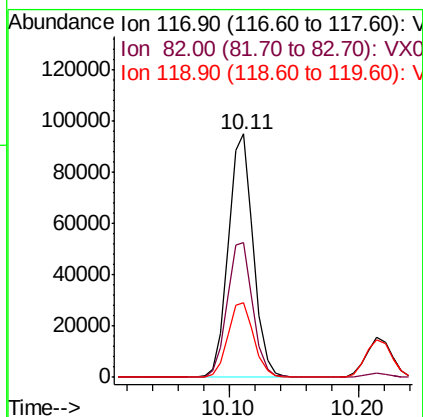
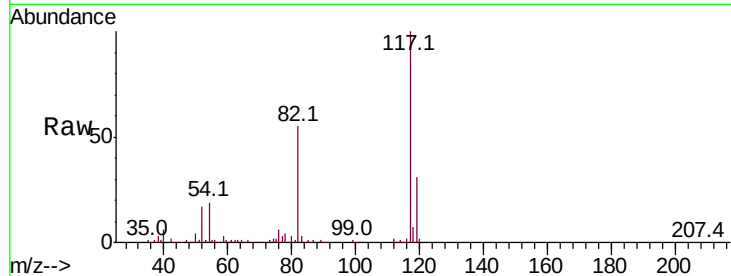
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.5	69.7
119	30.5	25.2	37.8

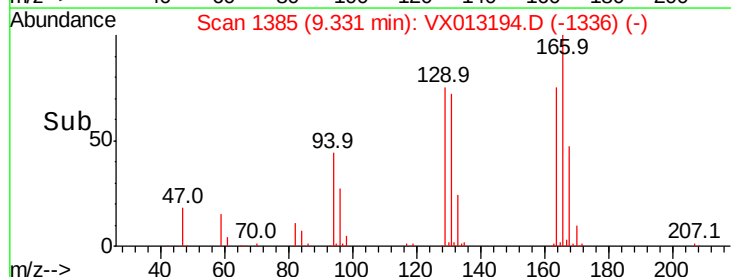
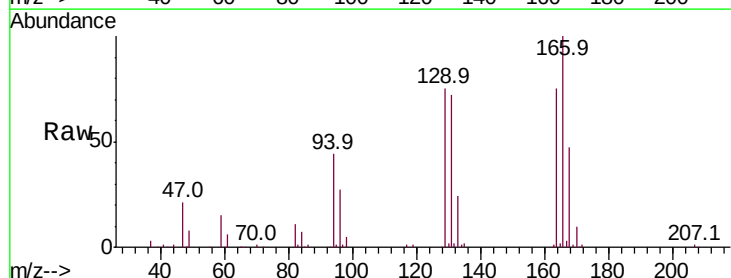
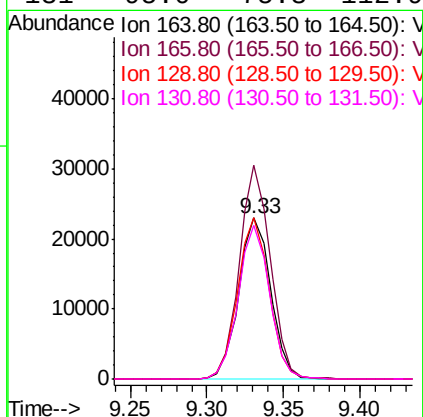
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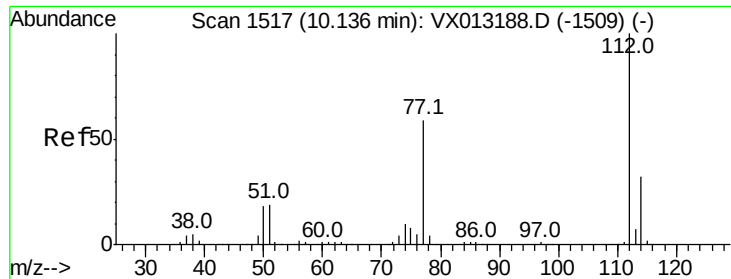
MMDadoda
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#64
Tetrachloroethene
Concen: 19.867 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.5	102.2	153.4
129	99.8	79.8	119.8
131	95.0	75.3	112.9





#65

Chlorobenzene

Concen: 19.060 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion:112 Resp: 85917

Ion Ratio Lower Upper

112 100

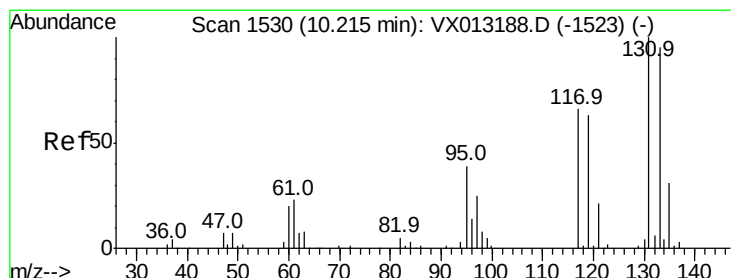
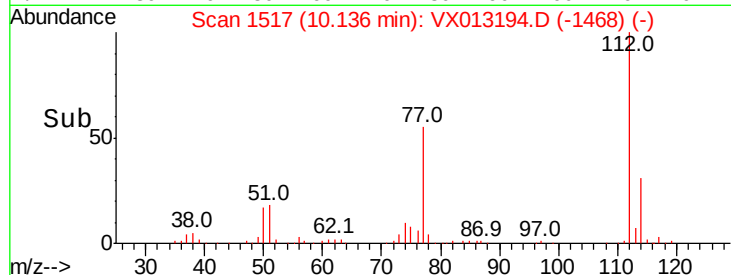
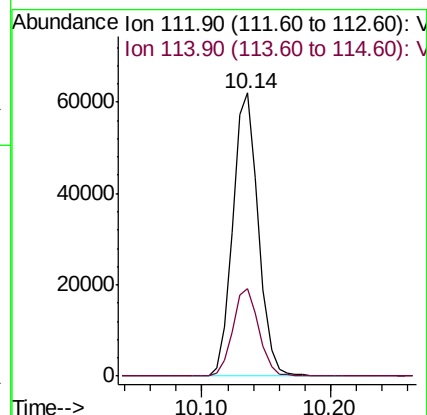
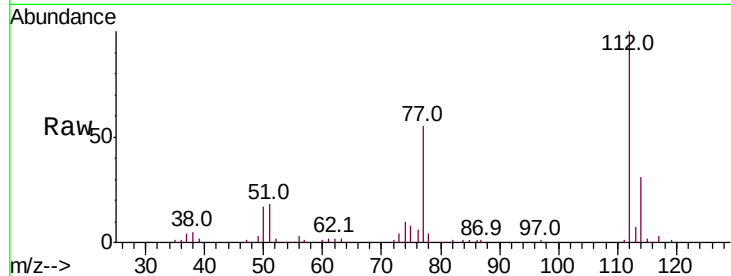
114 31.0 25.8 38.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.419 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

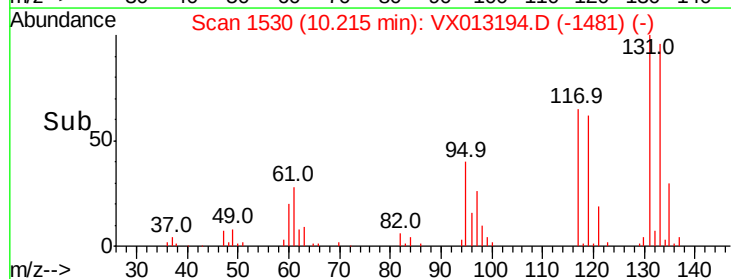
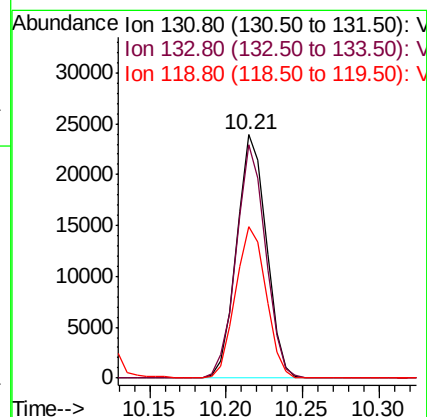
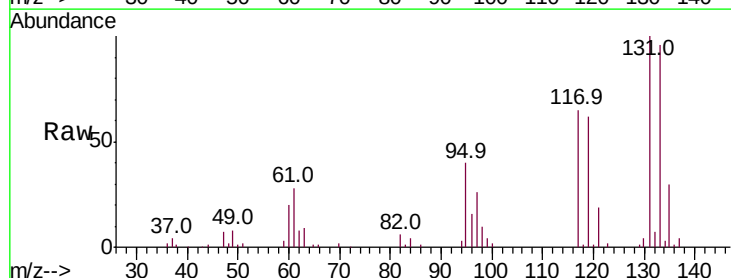
Tgt Ion:131 Resp: 32336

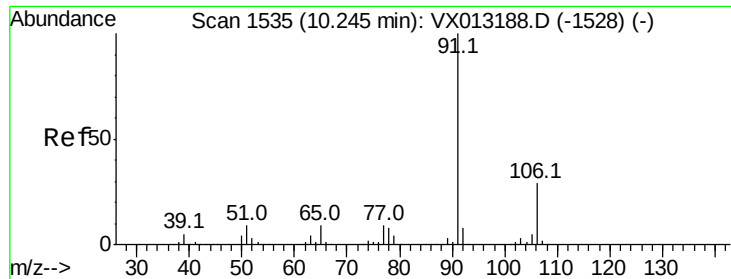
Ion Ratio Lower Upper

131 100

133 94.8 48.4 145.2

119 63.9 32.4 97.0





#67

Ethyl Benzene

Concen: 18.934 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion: 91 Resp: 152789

Ion Ratio Lower Upper

91 100

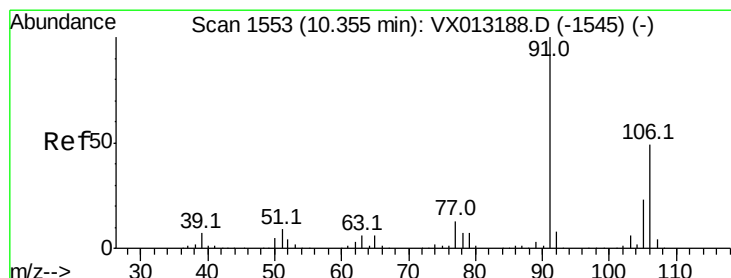
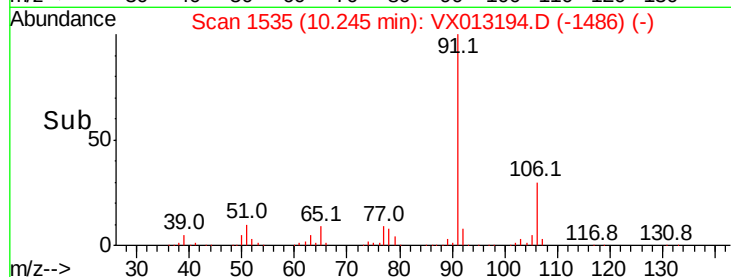
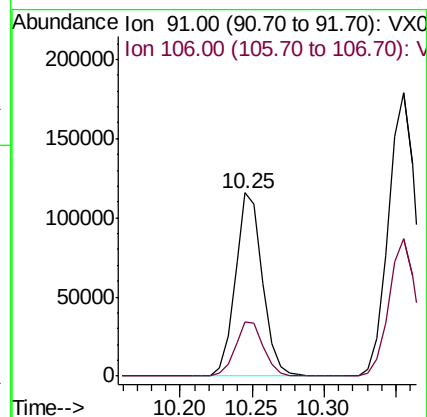
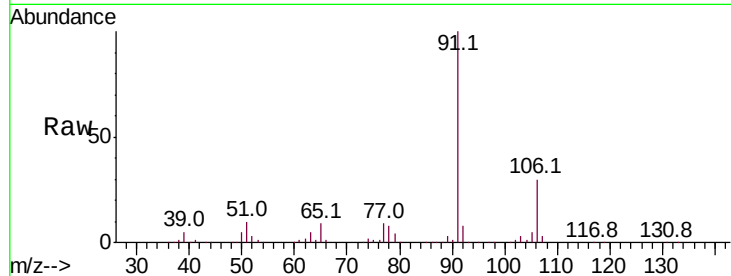
106 29.9 23.5 35.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.404 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013194.D

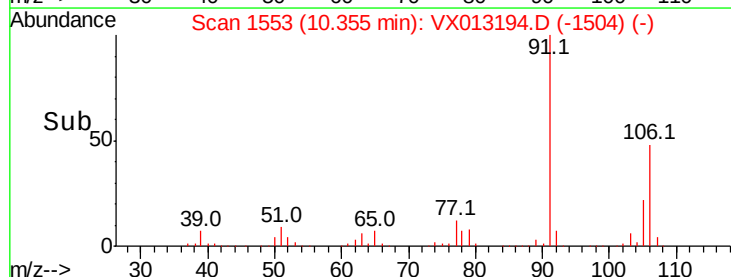
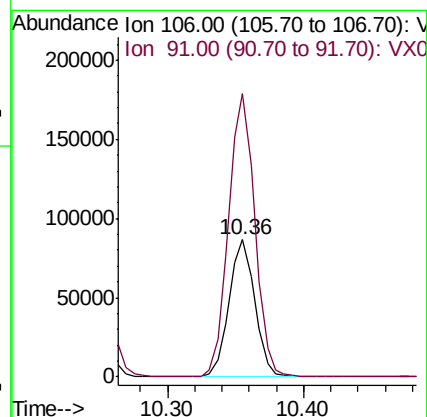
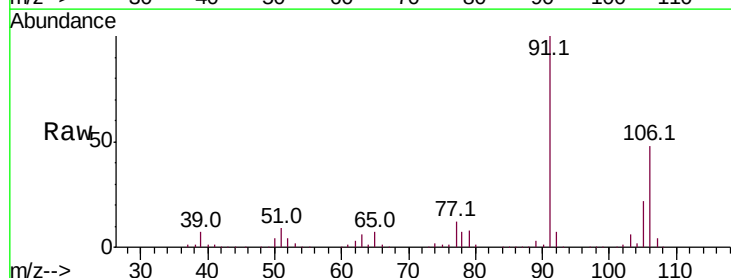
Acq: 23 Oct 2019 18:09

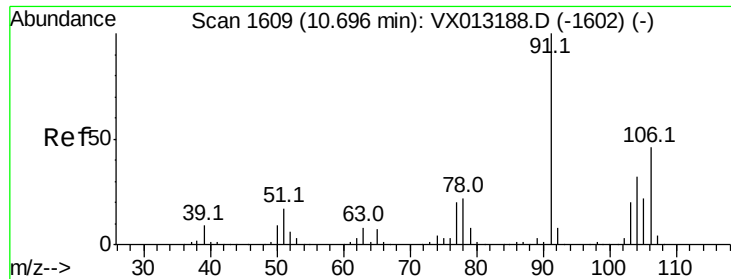
Tgt Ion: 106 Resp: 114070

Ion Ratio Lower Upper

106 100

91 209.9 166.8 250.2





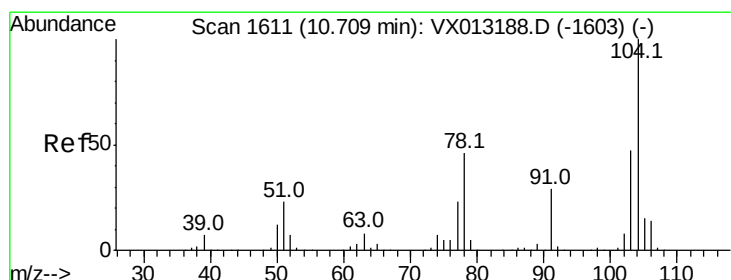
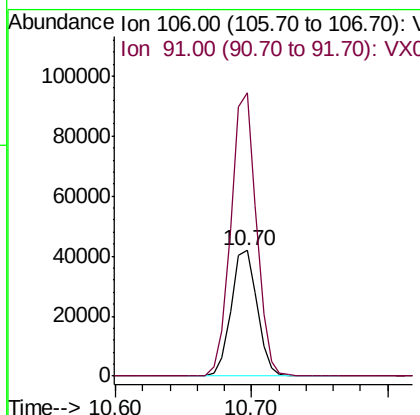
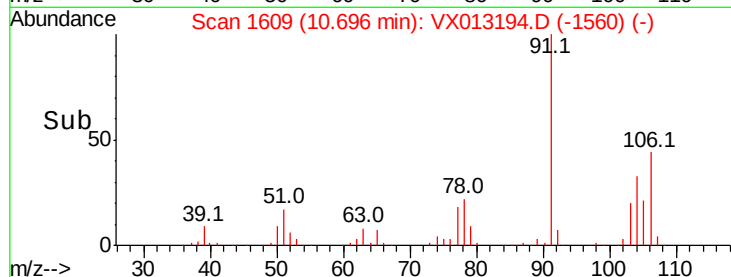
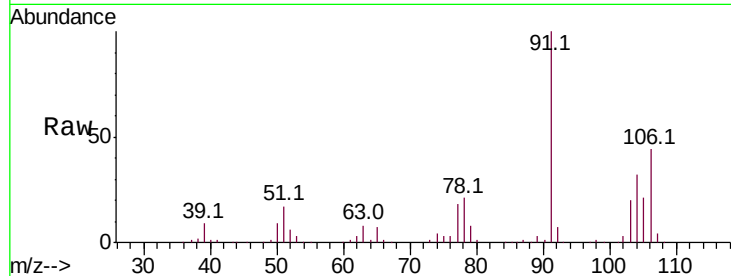
#69
o-Xylene
Concen: 19.113 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion:106 Resp: 55916
Ion Ratio Lower Upper
106 100
91 220.3 110.7 331.9

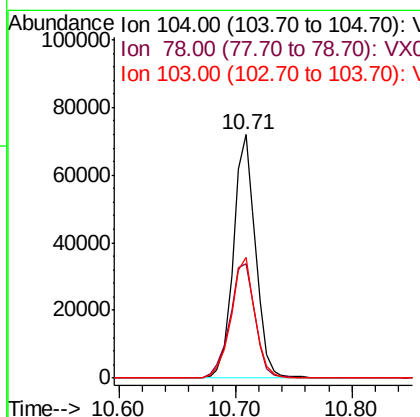
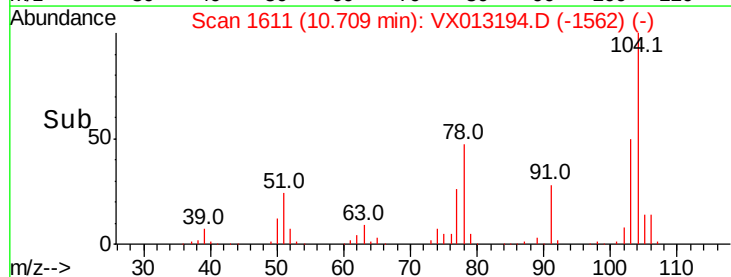
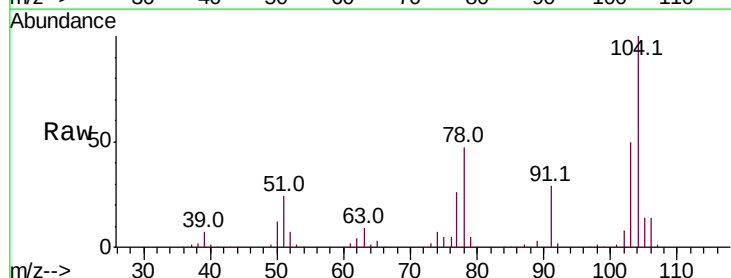
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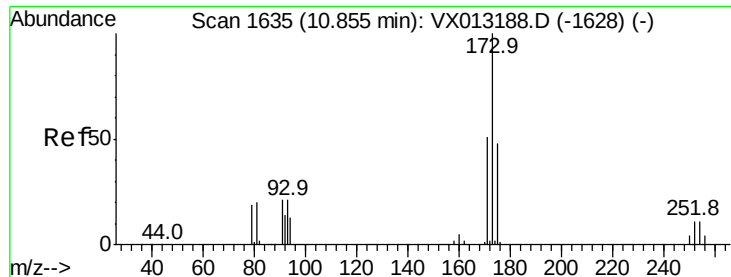
MMDadoda
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#70
Styrene
Concen: 18.858 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion:104 Resp: 94999
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.4
103 53.1 42.8 64.2





#71

Bromoform

Concen: 18.838 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion:173 Resp: 22921

Ion Ratio Lower Upper

173 100

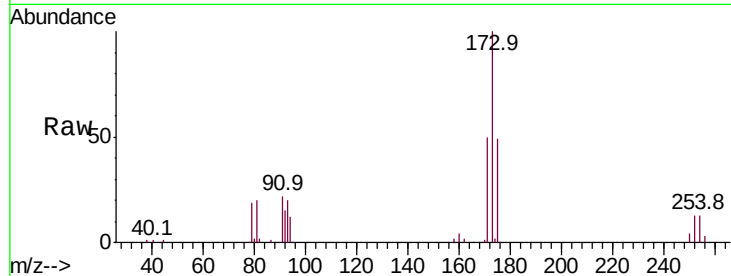
175 51.0 24.3 72.8

254 0.0 0.1 0.1#

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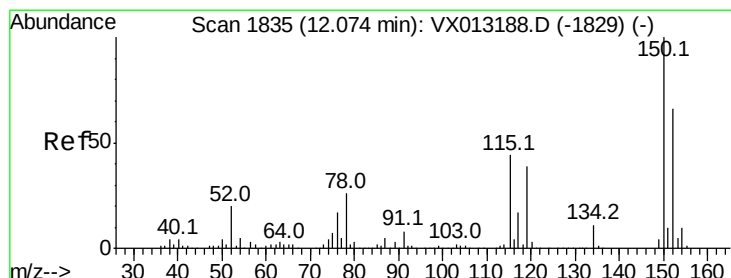
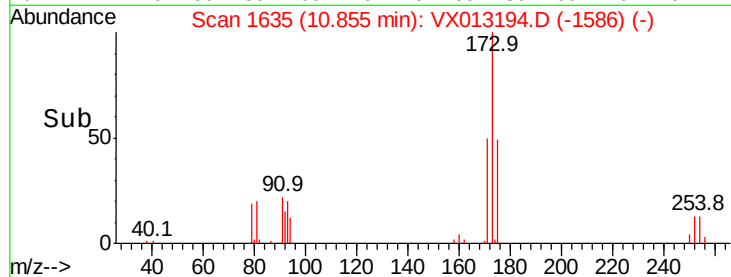
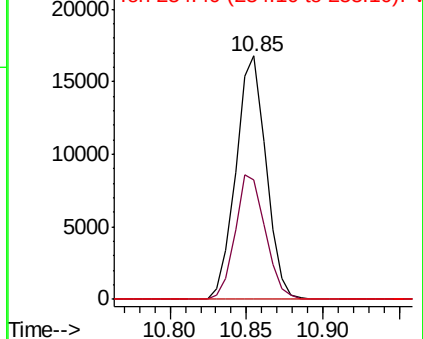
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX013194.D

Acq: 23 Oct 2019 18:09

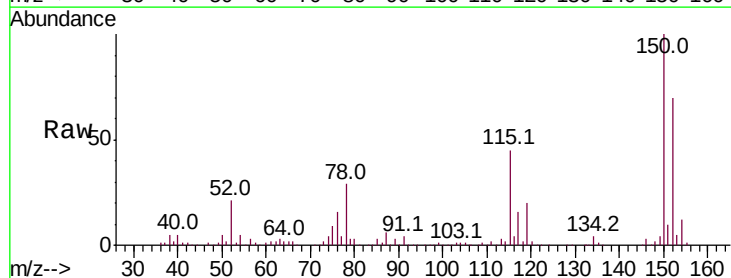
Tgt Ion:152 Resp: 85455

Ion Ratio Lower Upper

152 100

115 73.6 46.6 139.8

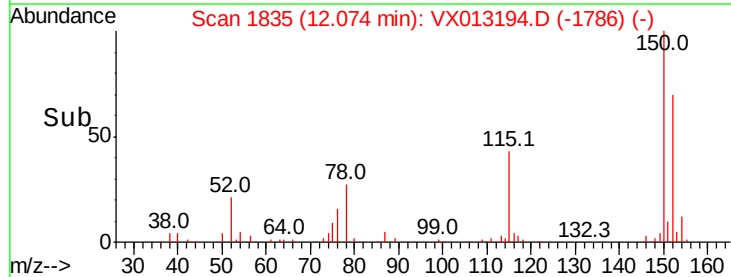
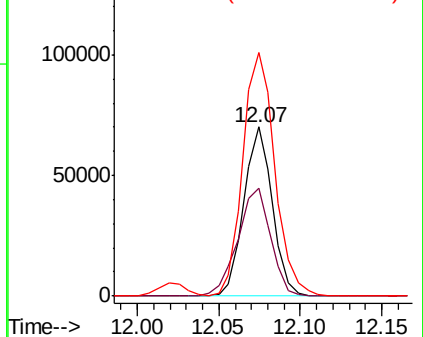
150 162.3 0.0 354.0

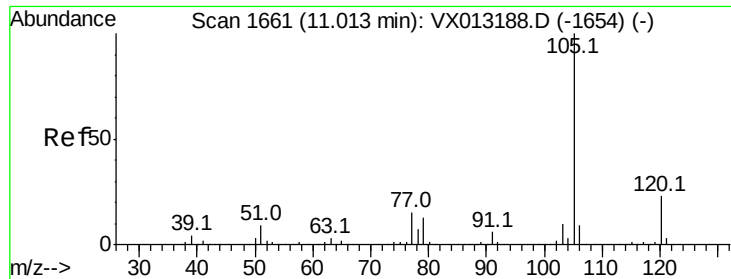


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





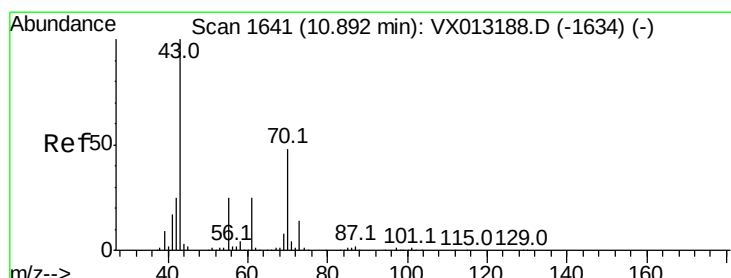
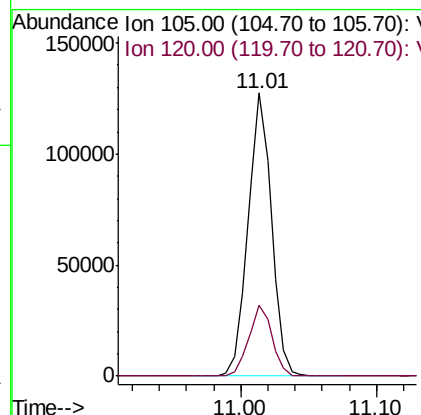
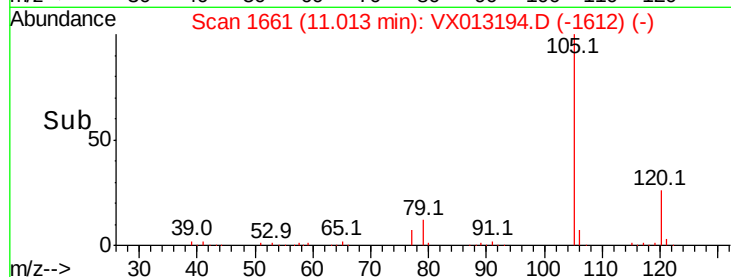
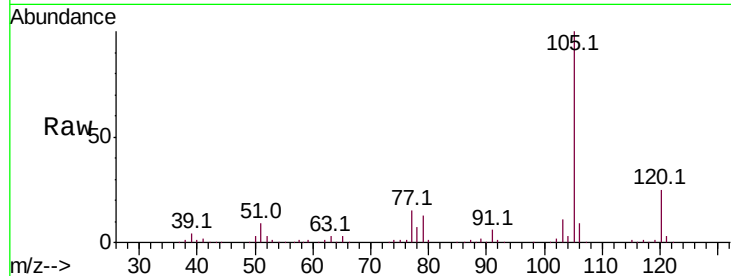
#73
Isopropylbenzene
Concen: 19.762 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion:105 Resp: 153353
Ion Ratio Lower Upper
105 100
120 24.7 12.6 37.8

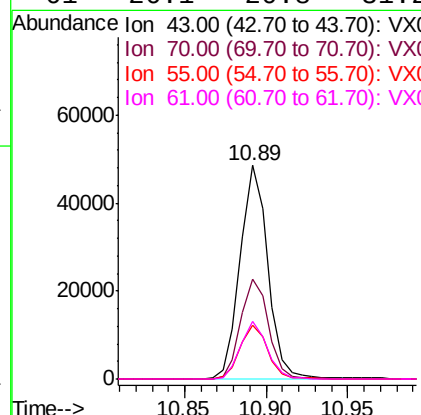
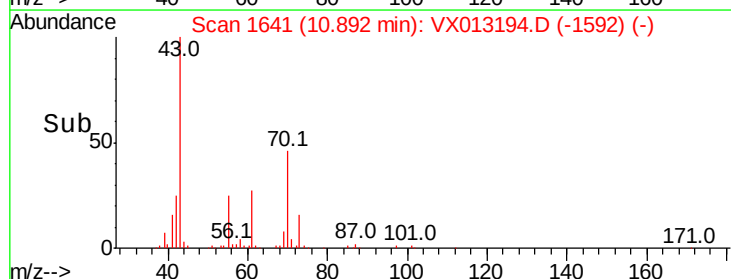
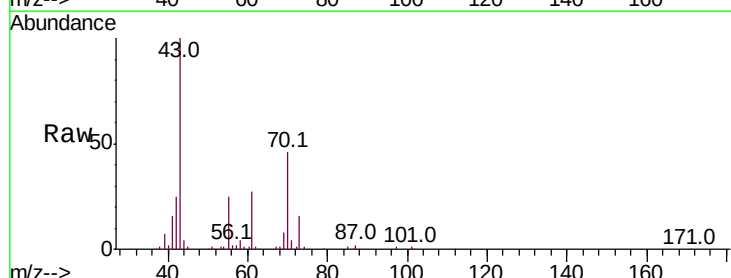
Manual Integrations
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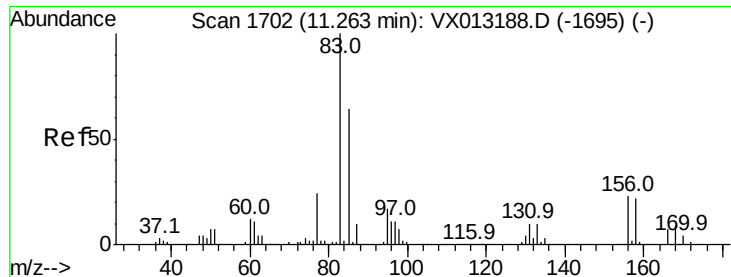
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#74
N-ethyl acetate
Concen: 20.155 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 43 Resp: 57405
Ion Ratio Lower Upper
43 100
70 47.5 38.5 57.7
55 25.3 20.7 31.1
61 26.1 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.207 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

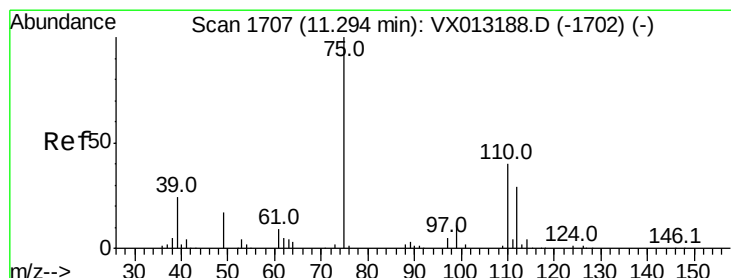
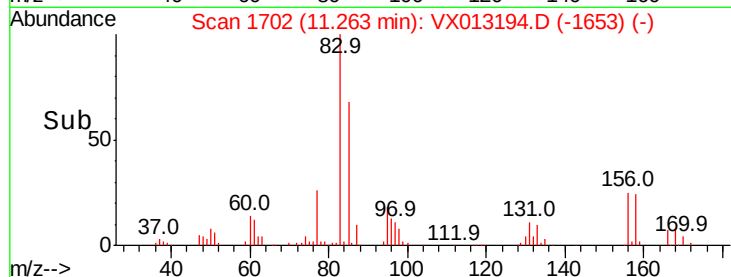
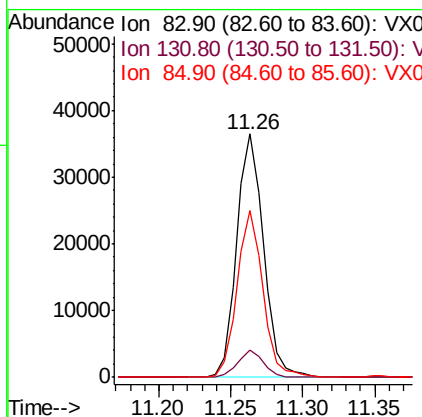
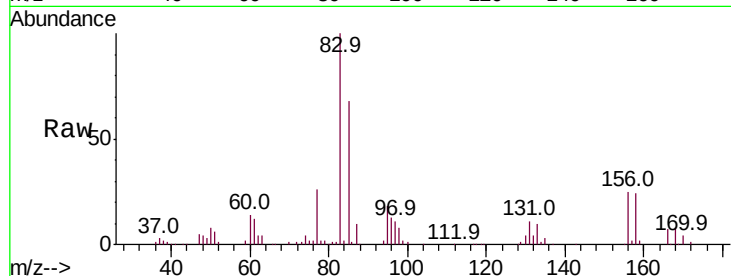
ClientSampleId :

VX1024WBS02

Tot Ion	83	Resp	47612
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	16.1
85	65.8	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.251 ug/l m

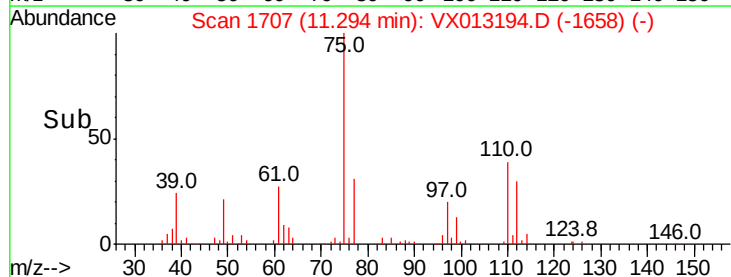
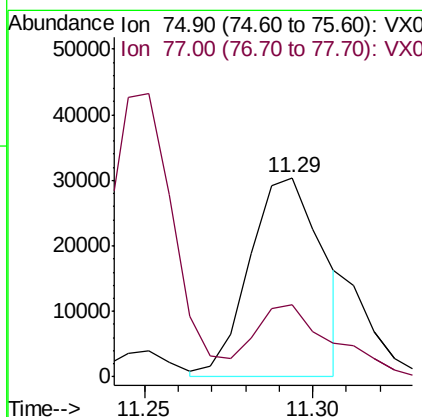
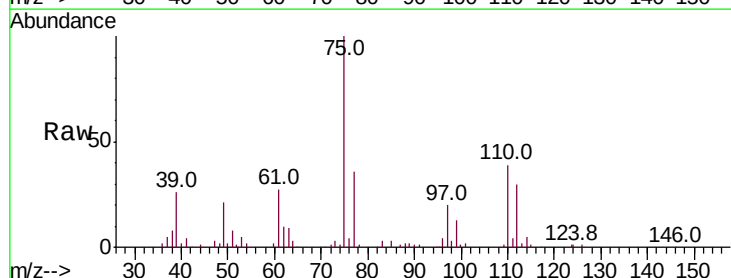
RT: 11.29 min Scan# 1707

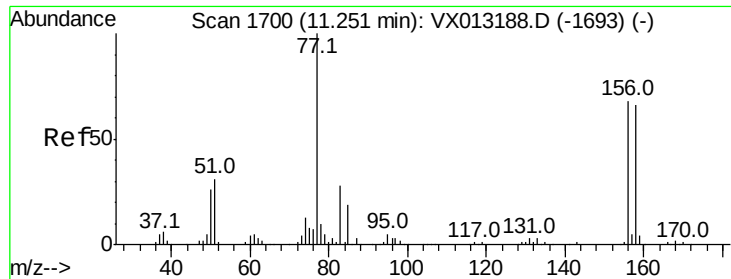
Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Tgt Ion	75	Resp	45829
Ion	Ratio	Lower	Upper
75	100		
77	38.5	19.1	57.5





#77

Bromobenzene

Concen: 19.402 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013194.D

Acq: 23 Oct 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS02

Tot Ion:156 Resp: 36086

Ion Ratio Lower Upper

156 100

77 159.5 81.7 245.1

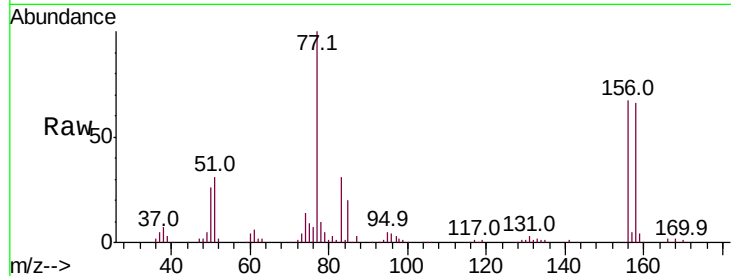
158 97.2 49.6 148.8

Manual Integrations

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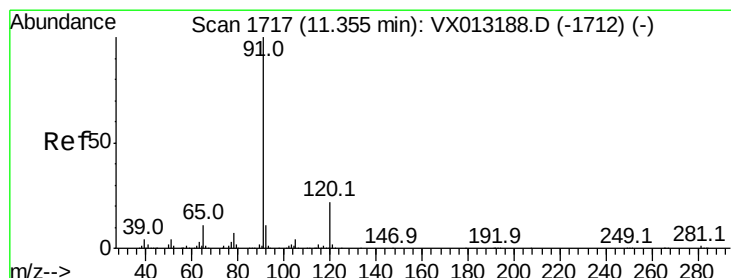
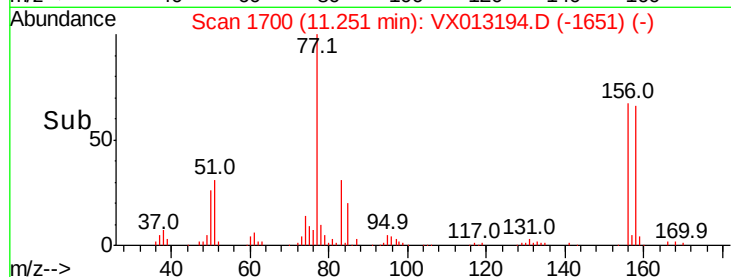
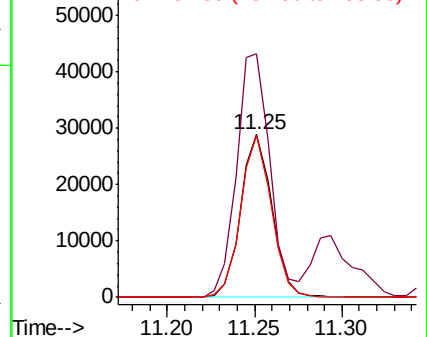


Abundance

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: 19.245 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013194.D

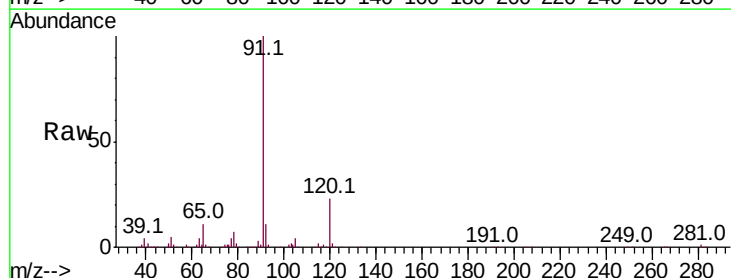
Acq: 23 Oct 2019 18:09

Tgt Ion: 91 Resp: 162222

Ion Ratio Lower Upper

91 100

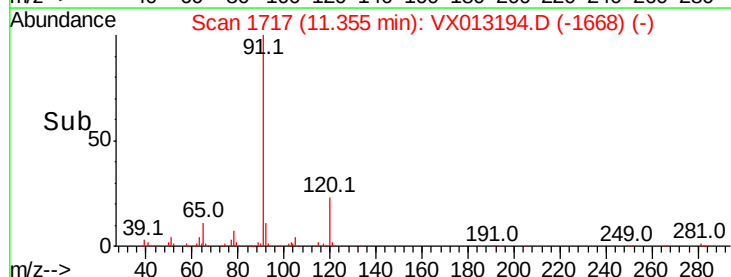
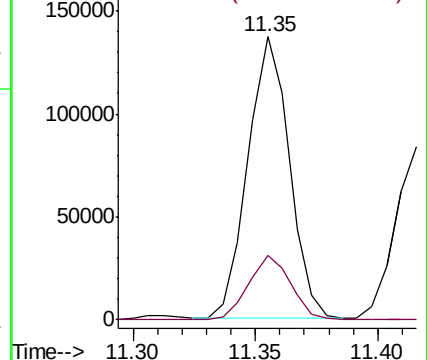
120 23.1 11.4 34.1

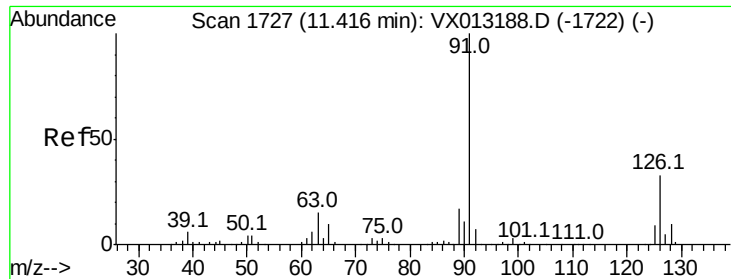


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





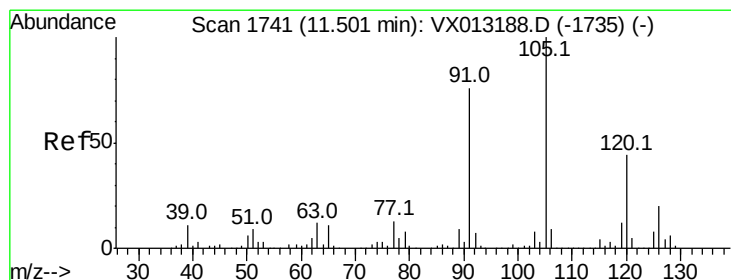
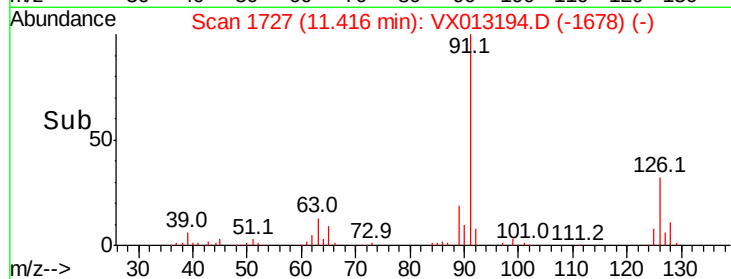
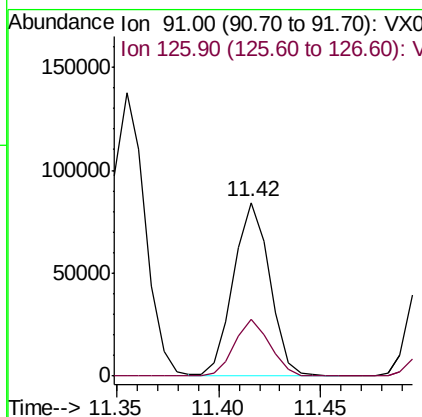
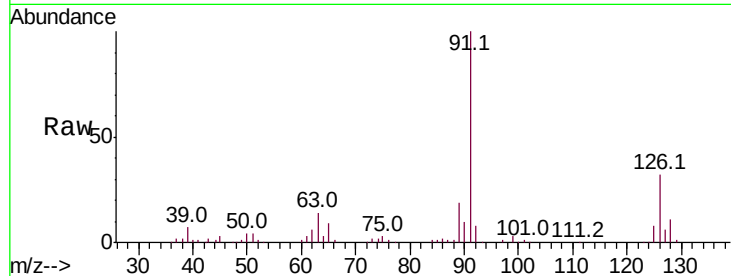
#79
2-Chlorotoluene
Concen: 19.463 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion: 91 Resp: 103656
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

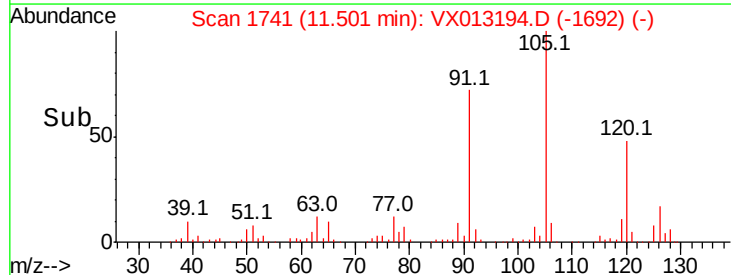
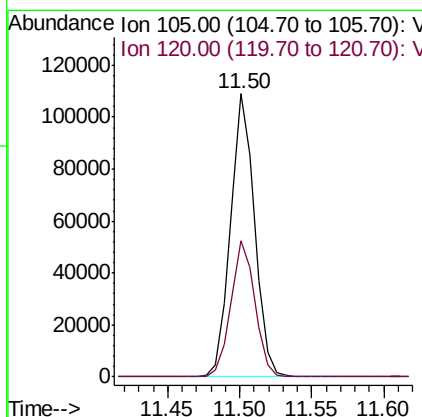
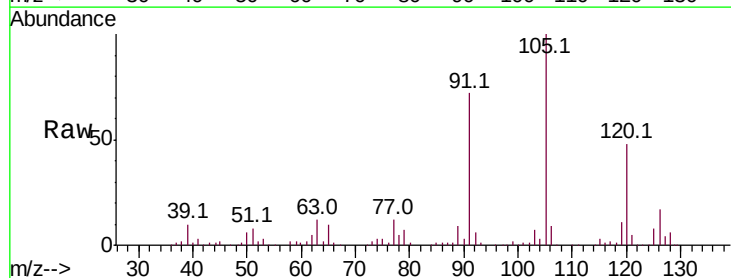
Manual Integrations
APPROVED

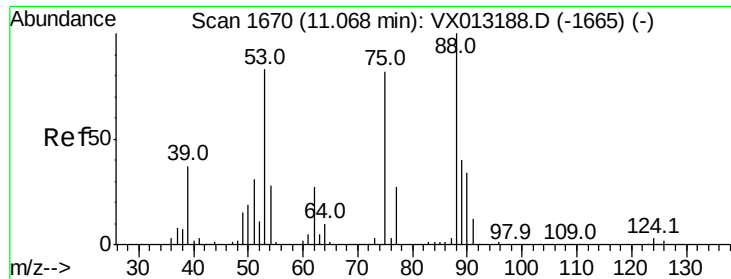
MMDadoda
10/25/2019 4:33:12 PM



#80
1,3,5-Trimethylbenzene
Concen: 19.886 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion: 105 Resp: 128266
Ion Ratio Lower Upper
105 100
120 47.9 23.4 70.0





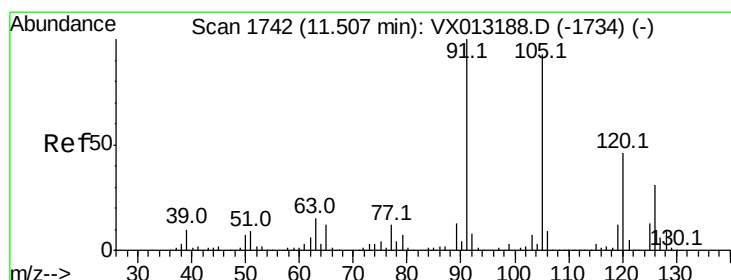
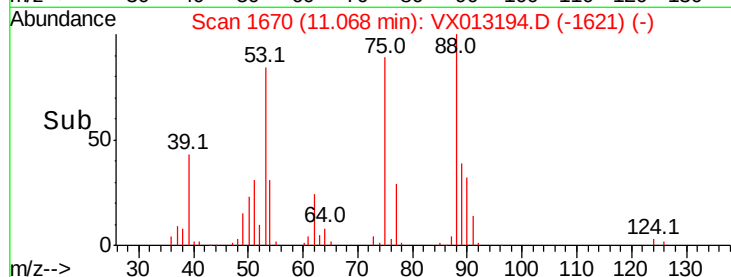
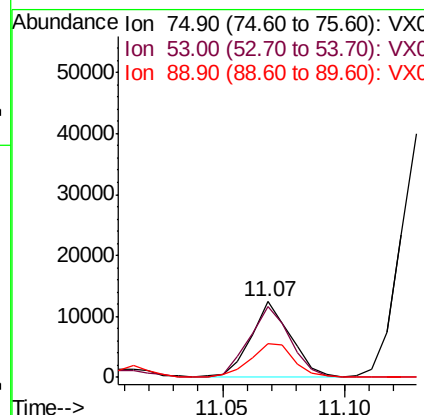
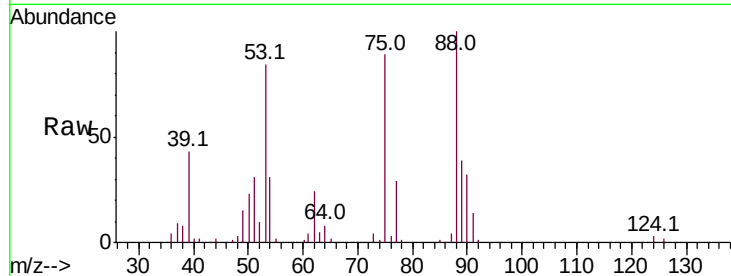
#81
trans-1,4-Dichloro-2-butene
Concen: 18.673 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	77.9	116.9
89	49.9	37.3	55.9

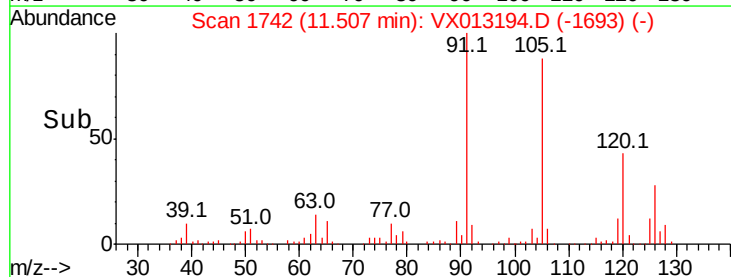
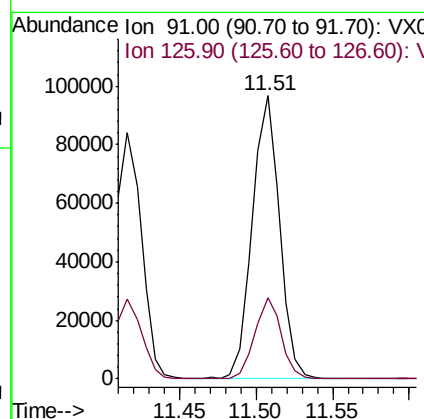
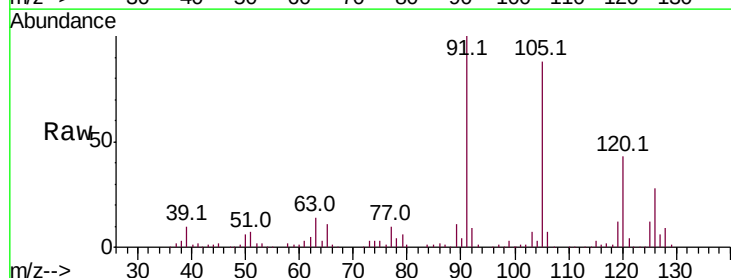
Manual Integrations
APPROVED

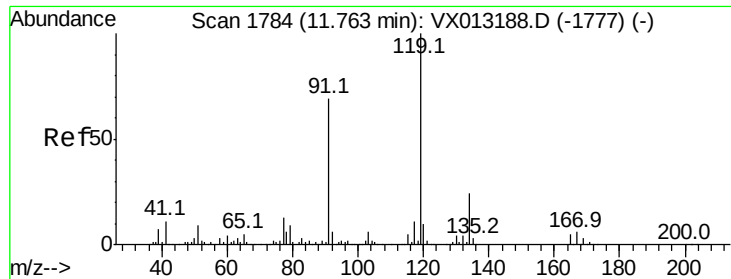
MMDadoda
10/25/2019 4:33:12 PM



#82
4-Chlorotoluene
Concen: 19.858 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	14.6	44.0





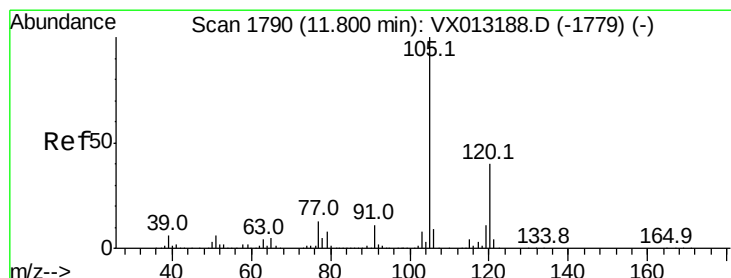
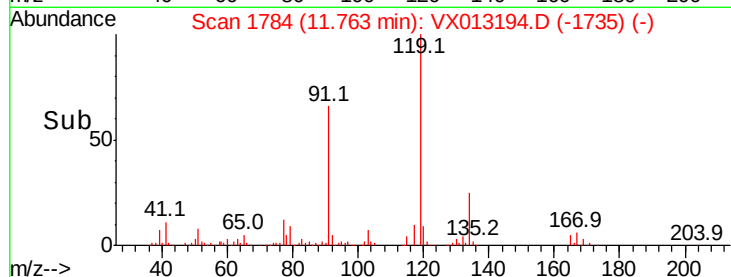
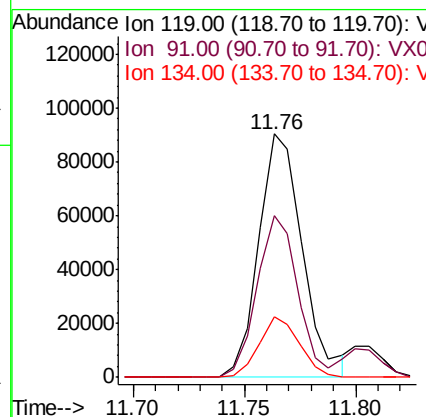
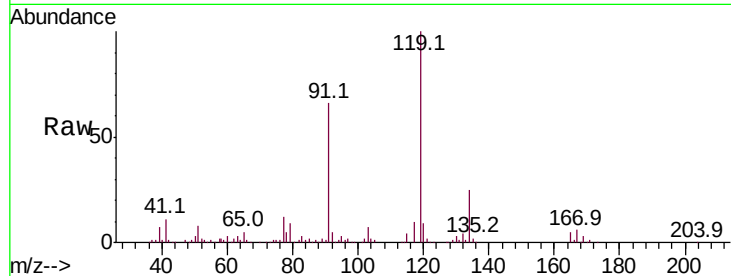
#83
tert-Butylbenzene
Concen: 19.359 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	123541		
91	61.9	30.8	92.4	
134	22.9	11.5	34.5	

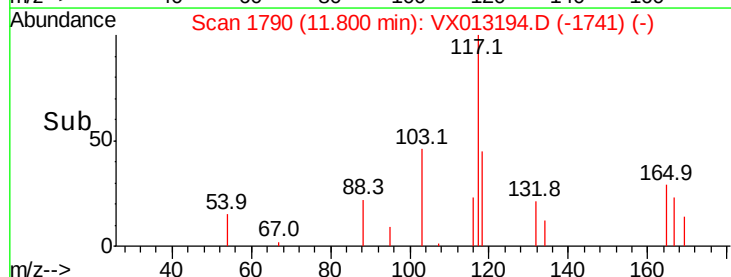
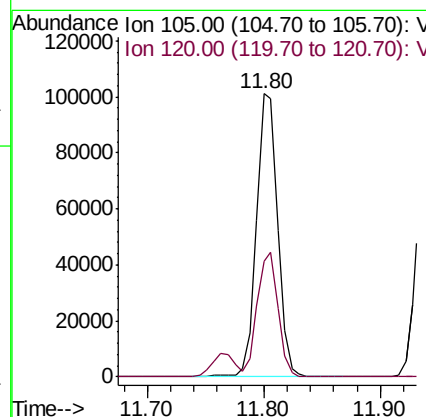
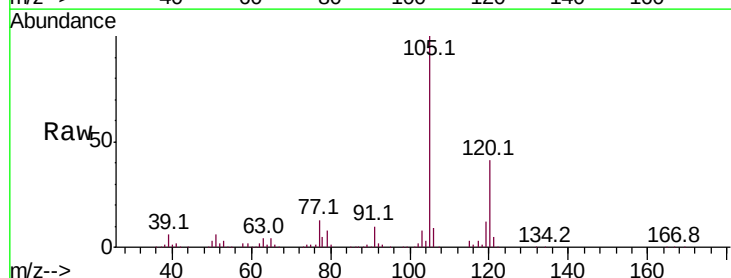
Manual Integrations
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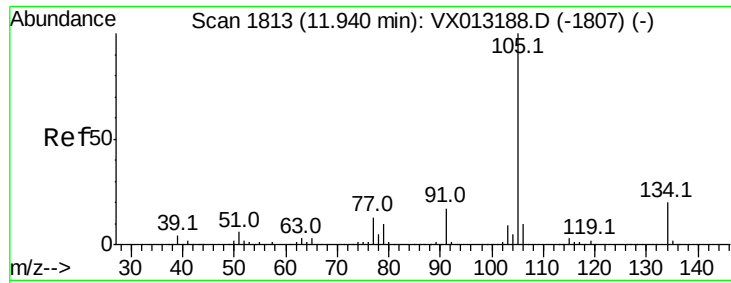
MMDadoda
10/25/2019 4:33:12 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.759 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	128555		
120	43.0	21.4	64.3	





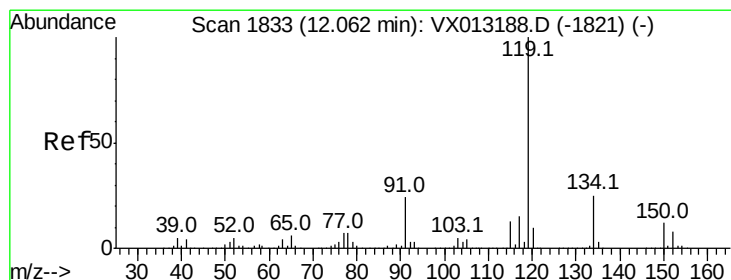
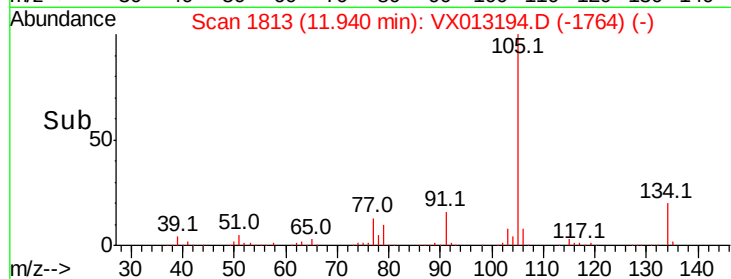
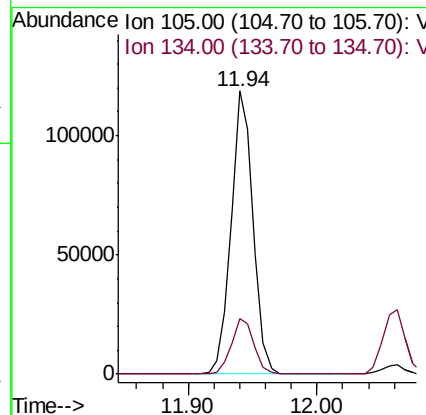
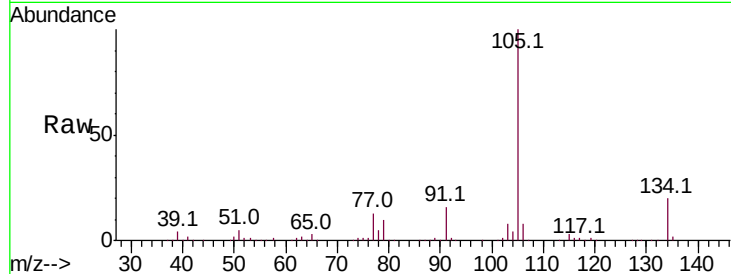
#85
 sec-Butylbenzene
 Concen: 19.558 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.9	29.7

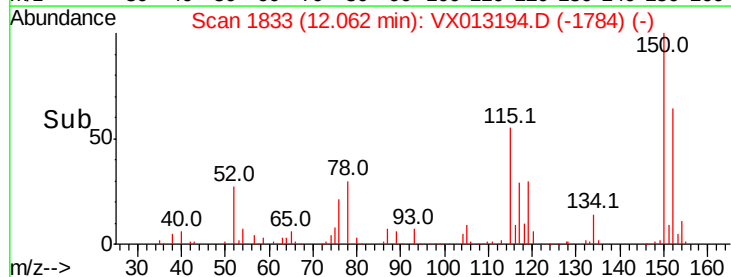
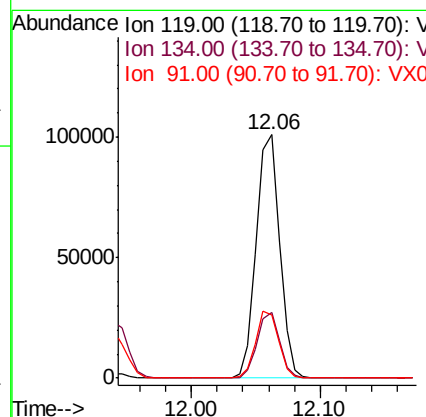
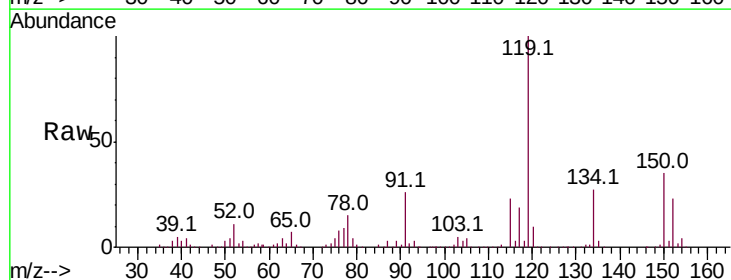
Manual Integrations
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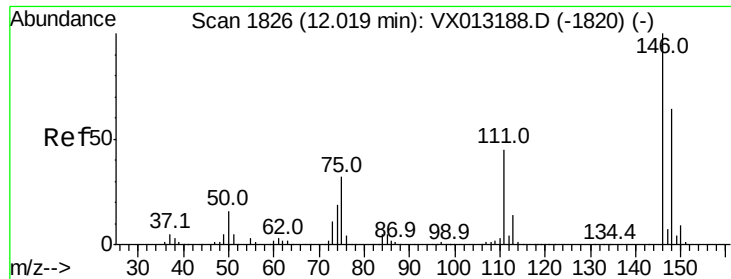
MMDadoda
 10/25/2019 4:33:12 PM



#86
 p-Isopropyltoluene
 Concen: 18.434 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.5	37.5
91	26.7	12.4	37.2





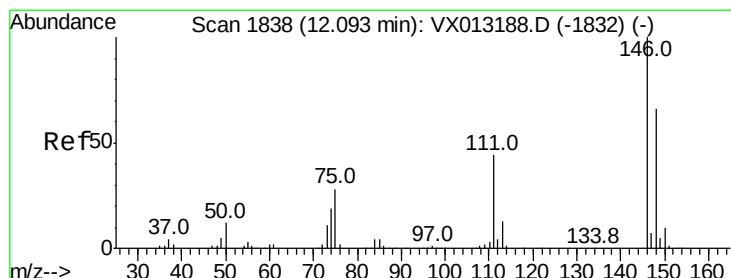
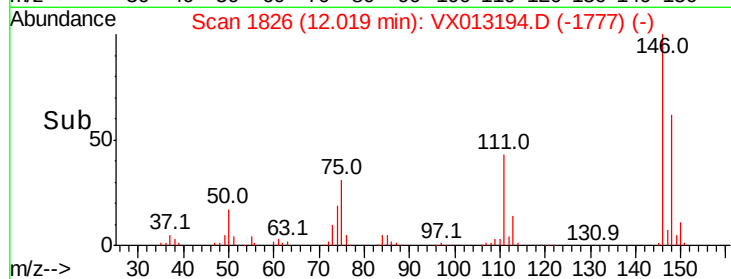
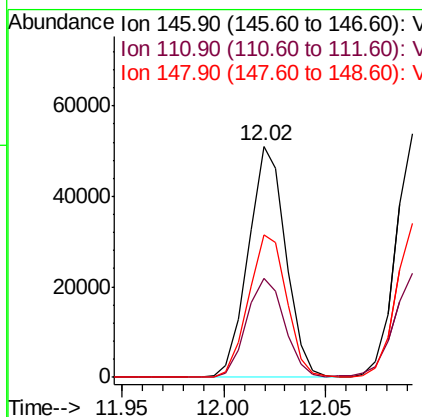
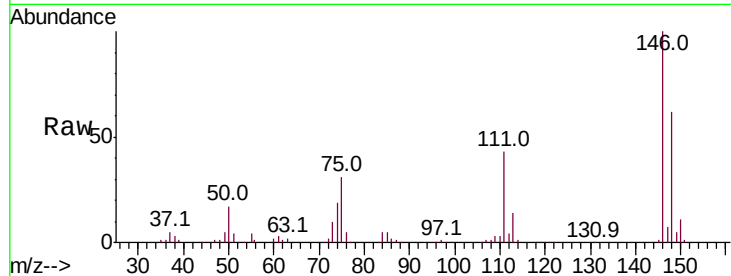
#87
 1,3-Dichlorobenzene
 Concen: 19.401 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.3	63.9
148	62.8	31.6	94.8

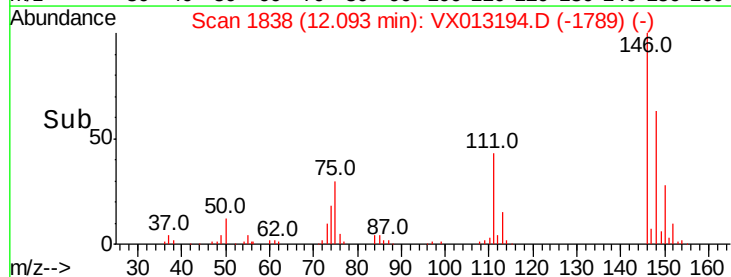
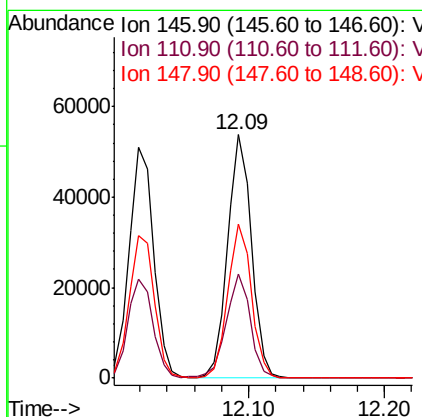
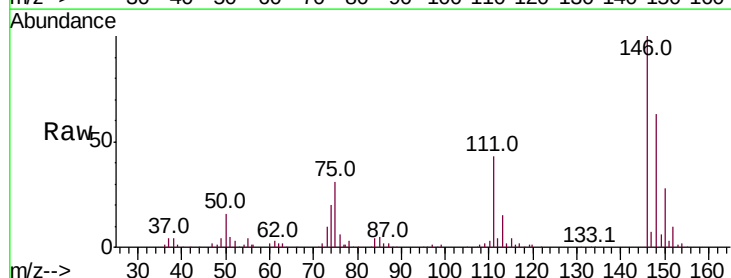
Manual Integrations
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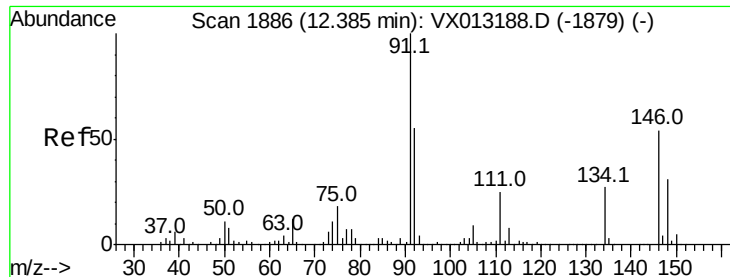
MMDadoda
 10/25/2019 4:33:12 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.196 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013194.D
 Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.9
148	63.1	32.5	97.5





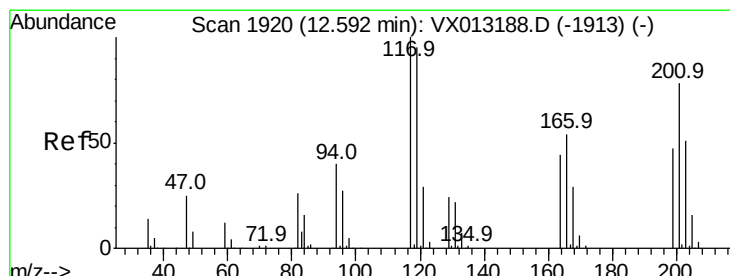
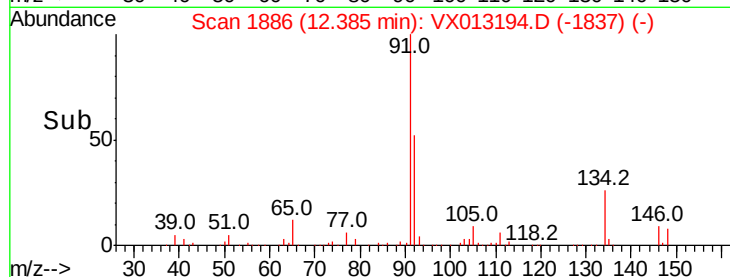
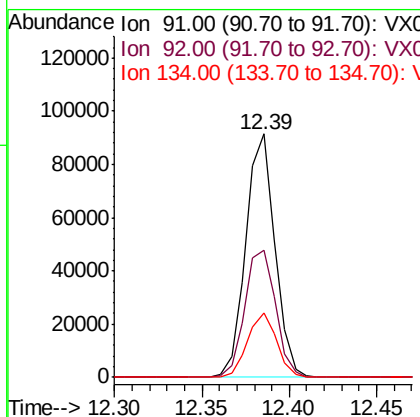
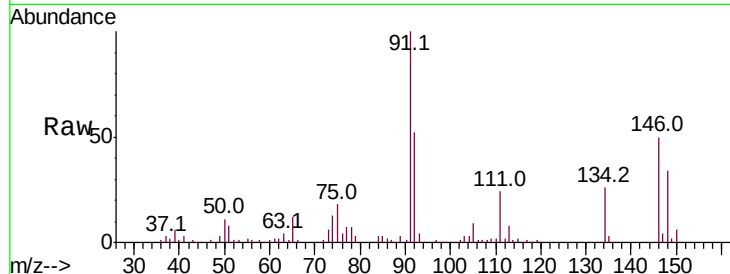
#89
n-Butylbenzene
Concen: 18.977 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.7	83.1
134	26.5	13.2	39.6

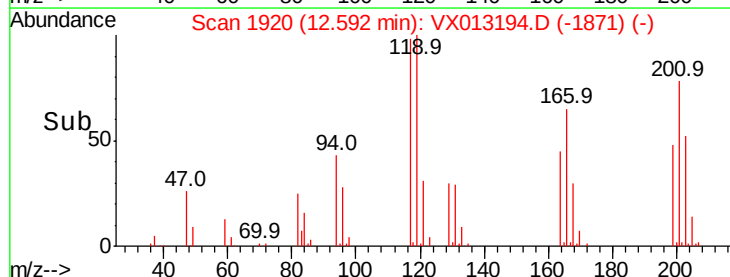
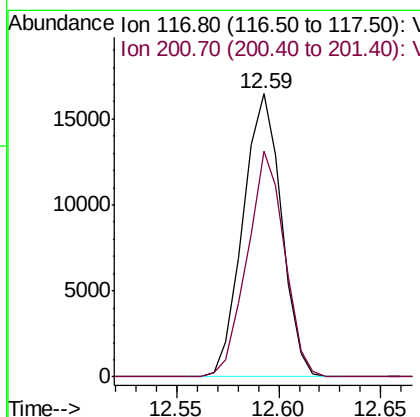
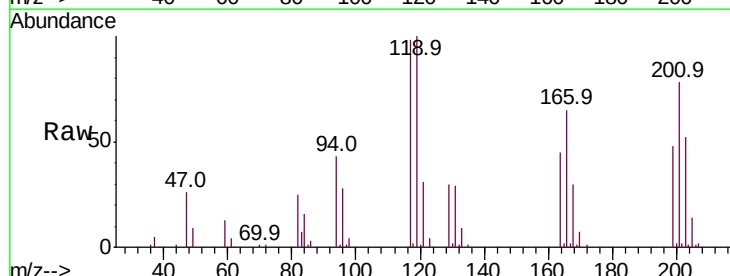
Manual Integrations
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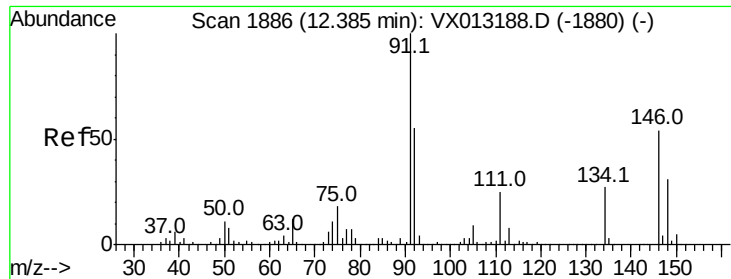
MMDadoda
10/25/2019 4:33:12 PM



#90
Hexachloroethane
Concen: 18.908 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	39.0	116.9





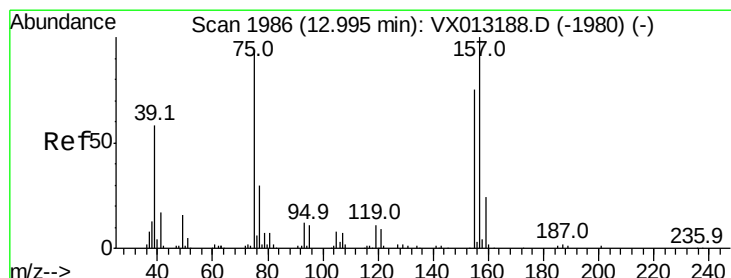
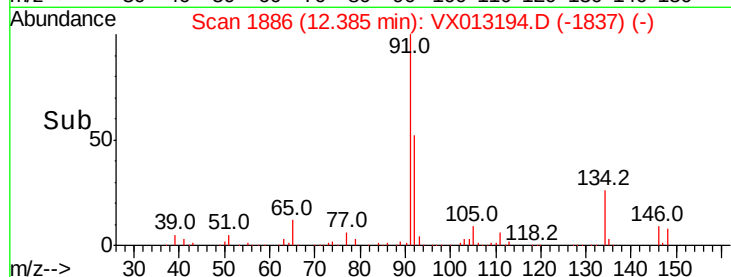
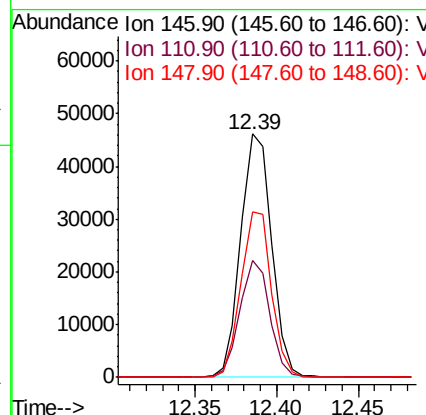
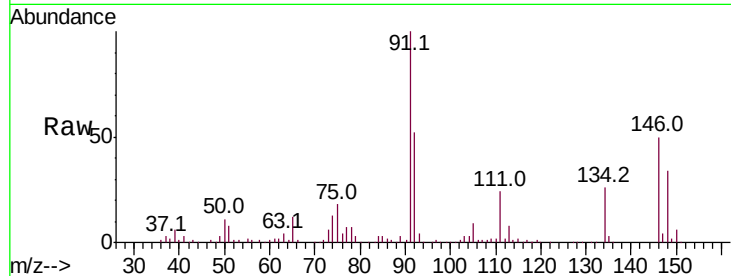
#91
1,2-Dichlorobenzene
Concen: 18.534 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.9	68.8
148	66.8	31.8	95.3

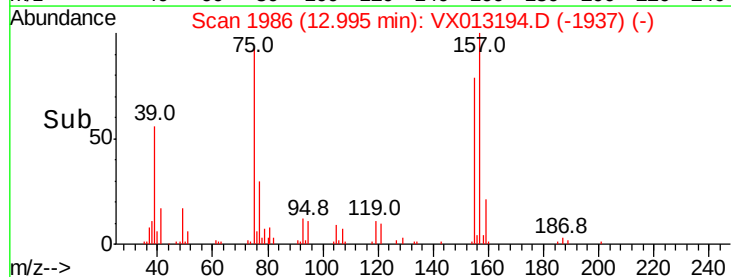
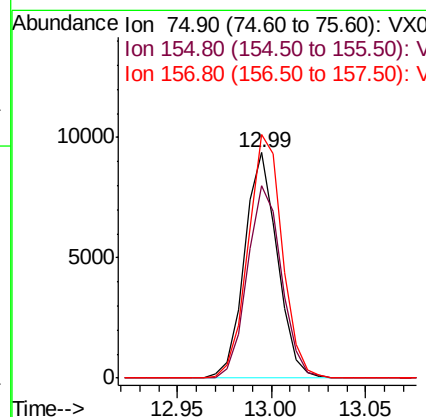
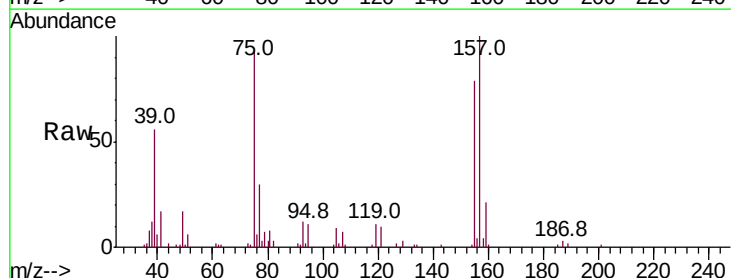
Manual Integrations
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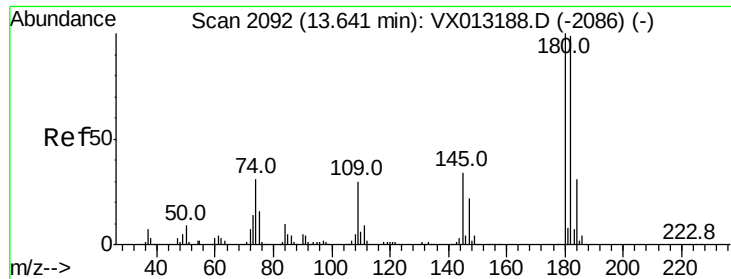
MMDadoda
10/25/2019 4:33:12 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.306 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	42.8	128.4
157	112.1	54.3	162.8





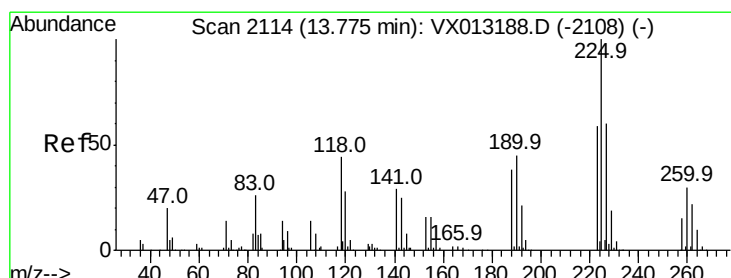
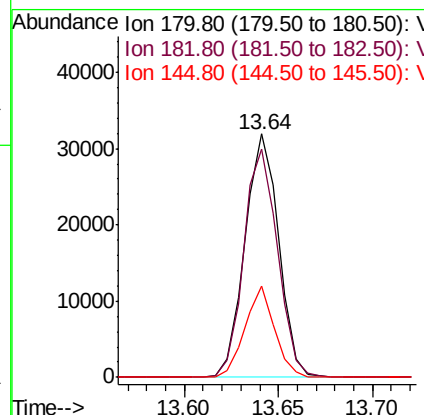
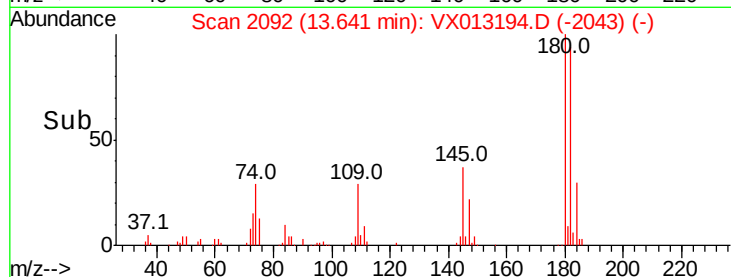
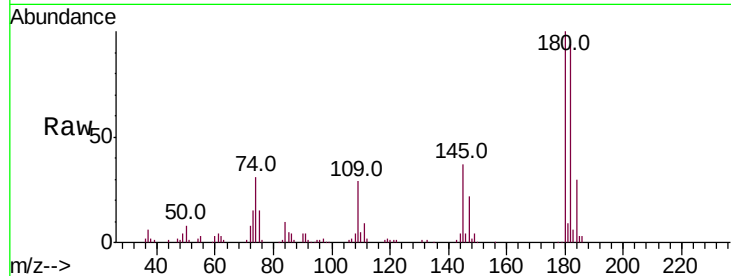
#93
1,2,4-Trichlorobenzene
Concen: 19.023 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	45.9	137.6
145	33.3	15.9	47.6

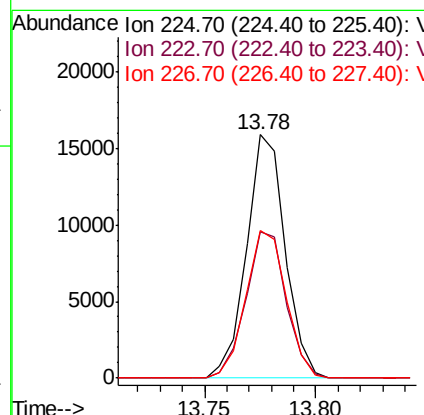
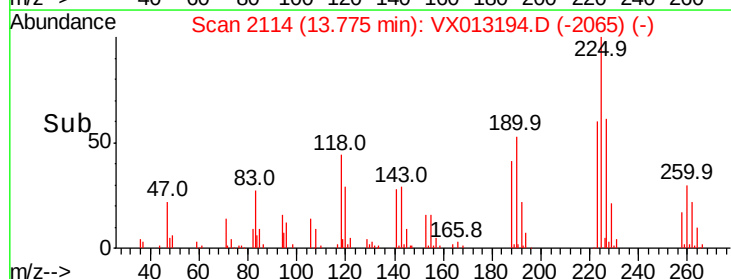
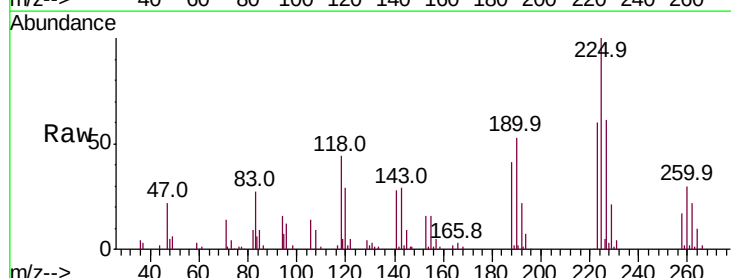
Manual Integrations
APPROVED

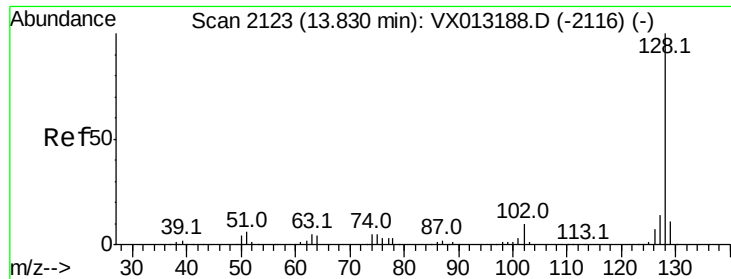
MMDadoda
10/25/2019 4:33:12 PM



#94
Hexachlorobutadiene
Concen: 17.937 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.9	92.5
227	63.2	30.3	90.9





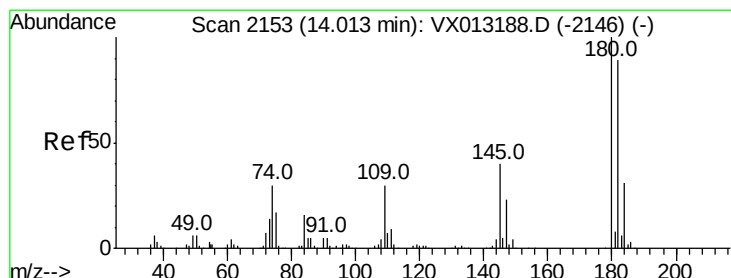
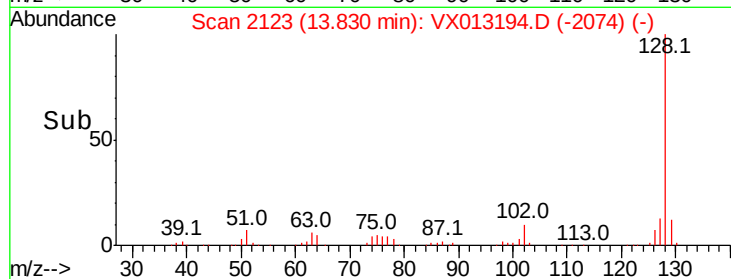
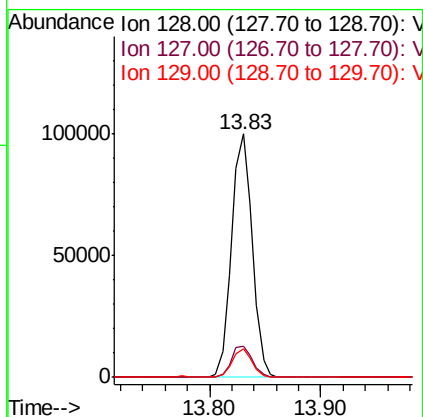
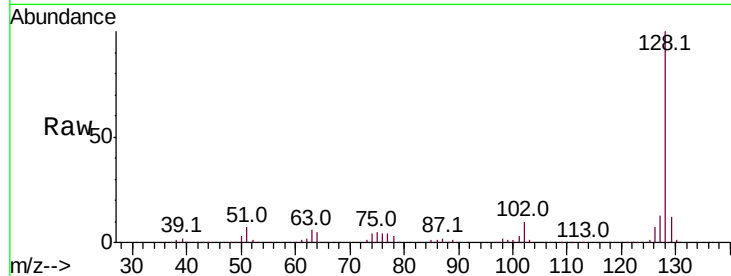
#95
Naphthalene
Concen: 20.112 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/25/2019 4:33:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.405 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013194.D
Acq: 23 Oct 2019 18:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.3	144.9
145	32.3	18.6	55.6

