

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012628.D
 Acq On : 24 Sep 2019 13:23
 Operator : JC/SP
 Sample : VX0924WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 9:29:37 AM

Quant Time: Sep 25 05:29:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317055	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135749	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	5.49	113	99306	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.71	98	380780	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	144039	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37200	18.714	ug/l	95
3) Chloromethane	1.32	50	44256	19.389	ug/l	100
4) Vinyl Chloride	1.40	62	43635	19.233	ug/l	96
5) Bromomethane	1.63	94	21778	24.414	ug/l	99
6) Chloroethane	1.72	64	29301	19.158	ug/l	97
7) Trichlorofluoromethane	1.92	101	61269	19.234	ug/l	98
8) Diethyl Ether	2.18	74	25870	19.818	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37801	19.484	ug/l	97
10) Methyl Iodide	2.50	142	34569	20.191	ug/l	96
11) Tert butyl alcohol	3.03	59	64746	100.731	ug/l	98
12) 1,1-Dichloroethene	2.36	96	37592	19.787	ug/l	96
13) Acrolein	2.28	56	28779	87.318	ug/l	97
14) Allyl chloride	2.72	41	71928	19.083	ug/l	98
15) Acrylonitrile	3.13	53	128957	98.891	ug/l	99
16) Acetone	2.44	43	124451	91.314	ug/l	99
17) Carbon Disulfide	2.56	76	92832	17.430	ug/l	99
18) Methyl Acetate	2.76	43	62051	19.336	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	139878	19.452	ug/l	97
20) Methylene Chloride	2.84	84	43745	18.977	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	40794	19.382	ug/l	96
22) Diisopropyl ether	3.84	45	145916	20.035	ug/l	95
23) Vinyl Acetate	3.80	43	625910	97.998	ug/l	99
24) 1,1-Dichloroethane	3.69	63	77801	19.652	ug/l	98
25) 2-Butanone	4.66	43	185229	94.786	ug/l	96
26) 2,2-Dichloropropane	4.57	77	64767	18.394	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	47120	19.295	ug/l	96
28) Bromochloromethane	5.01	49	28883	20.093	ug/l	98
29) Tetrahydrofuran	5.12	42	118347	99.361	ug/l	97
30) Chloroform	5.20	83	80078	19.771	ug/l	89
31) Cyclohexane	5.57	56	69400	19.377	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	69828	19.452	ug/l	100
36) 1,1-Dichloropropene	5.79	75	57258	18.736	ug/l	97
37) Ethyl Acetate	4.82	43	68448	19.158	ug/l	97
38) Carbon Tetrachloride	5.78	117	59144	19.051	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68589	18.643	ug/l	98
40) Benzene	6.14	78	173445	19.289	ug/l	98
41) Methacrylonitrile	5.03	41	38472	19.192	ug/l	96
42) 1,2-Dichloroethane	6.18	62	67798	19.856	ug/l	99
43) Isopropyl Acetate	6.43	43	112012	18.747	ug/l	99
44) Trichloroethene	7.21	130	43924	19.108	ug/l	96
45) 1,2-Dichloropropane	7.51	63	44825	19.471	ug/l	96
46) Dibromomethane	7.65	93	30193	19.263	ug/l	94
47) Bromodichloromethane	7.89	83	59197	18.897	ug/l	98
48) Methyl methacrylate	7.76	41	54827	19.137	ug/l	96
49) 1,4-Dioxane	7.73	88	23748	365.453	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	354750	96.184	ug/l	97
52) Toluene	8.78	92	108575	19.212	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64127	18.502	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70193	18.548	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43992	19.579	ug/l	96
56) Ethyl methacrylate	9.17	69	71752	19.009	ug/l	95
57) 1,3-Dichloropropane	9.37	76	76313	19.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	164944	97.348	ug/l	99
59) 2-Hexanone	9.49	43	271691	96.238	ug/l	96
60) Dibromochloromethane	9.58	129	42589	18.725	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46208	19.761	ug/l	100
64) Tetrachloroethene	9.33	164	40533	20.631	ug/l	91
65) Chlorobenzene	10.14	112	111972	18.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	40725	18.942	ug/l	98
67) Ethyl Benzene	10.25	91	203809	18.937	ug/l	99
68) m/p-Xylenes	10.35	106	153514	38.077	ug/l	98
69) o-Xylene	10.70	106	74524	19.103	ug/l	98
70) Styrene	10.71	104	125743	19.227	ug/l	99
71) Bromoform	10.85	173	27153	18.138	ug/l #	97
73) Isopropylbenzene	11.01	105	200393	19.783	ug/l	100
74) N-amyl acetate	10.89	43	91505	18.935	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	65726	19.592	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	64036m	19.464	ug/l	
77) Bromobenzene	11.25	156	46346	20.215	ug/l	98
78) n-propylbenzene	11.35	91	221860	19.454	ug/l	100
79) 2-Chlorotoluene	11.42	91	137393	19.313	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	164957	19.419	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19499	16.985	ug/l	97
82) 4-Chlorotoluene	11.51	91	157053	19.366	ug/l	98
83) tert-Butylbenzene	11.77	119	159308	19.442	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	167850	19.588	ug/l	100
85) sec-Butylbenzene	11.94	105	186322	19.550	ug/l	99
86) p-Isopropyltoluene	12.06	119	169779	19.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81508	19.756	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	80145	19.224	ug/l	98
89) n-Butylbenzene	12.38	91	141683	18.697	ug/l	96
90) Hexachloroethane	12.59	117	27000	17.611	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	81159	19.648	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15105	18.000	ug/l	100

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Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

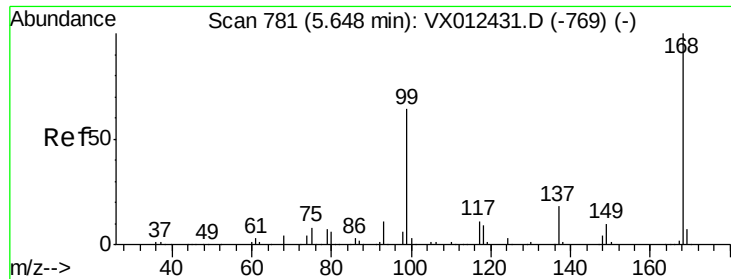
Manual Integrations
APPROVED

MMDadoda
9/25/2019 9:29:37 AM

Quant Time: Sep 25 05:29:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	46160	18.325	ug/l	98
94) Hexachlorobutadiene	13.77	225	20574	18.985	ug/l	99
95) Naphthalene	13.83	128	174983	19.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	47340	18.761	ug/l	98

(#) = 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: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion:168 Resp: 176696

Ion Ratio Lower Upper

168 100

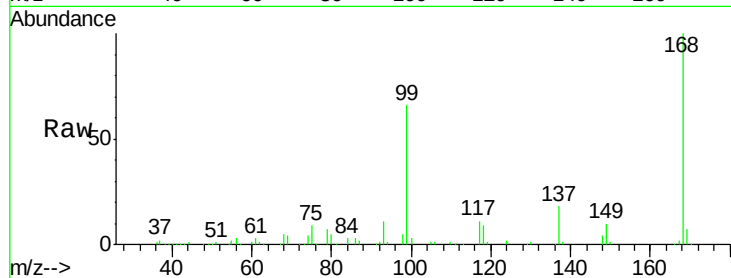
99 66.3 51.4 77.2

Manual Integrations

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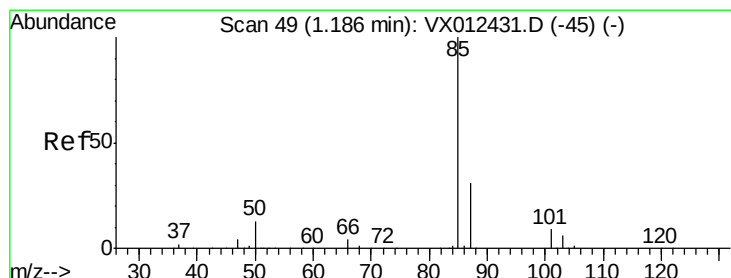
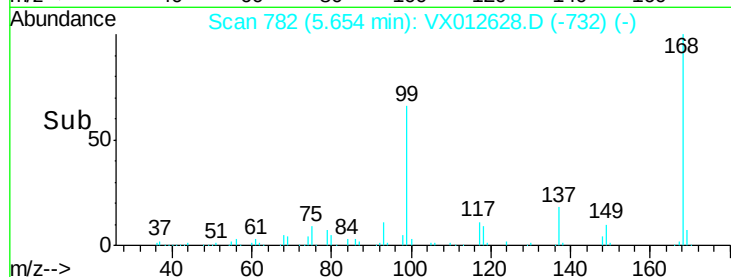
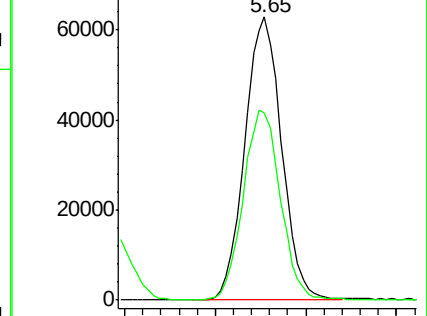
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.714 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012628.D

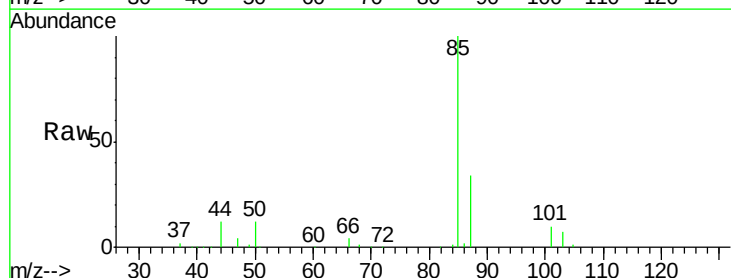
Acq: 24 Sep 2019 13:23

Tgt Ion: 85 Resp: 37200

Ion Ratio Lower Upper

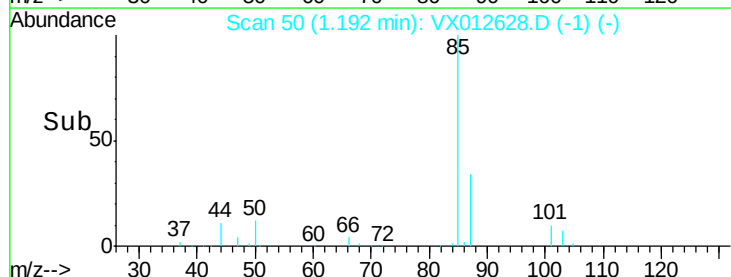
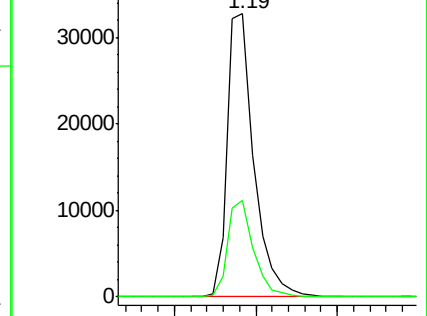
85 100

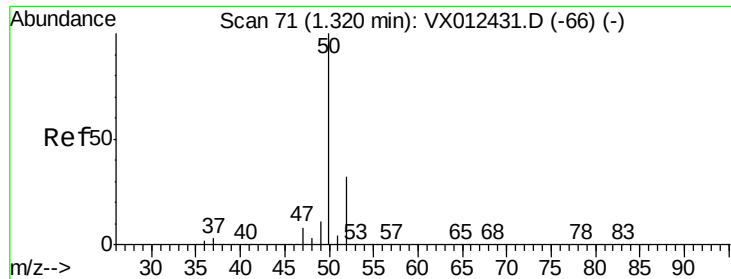
87 34.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.389 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 50 Resp: 44256

Ion Ratio Lower Upper

50 100

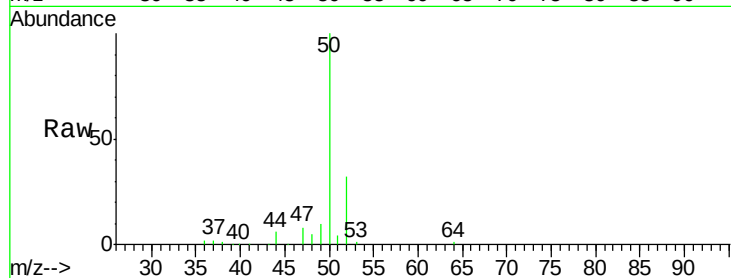
52 32.1 25.7 38.5

Manual Integrations

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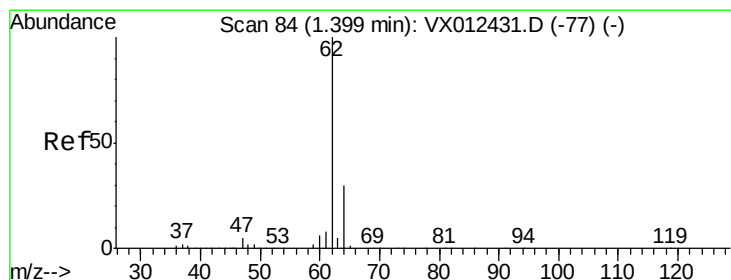
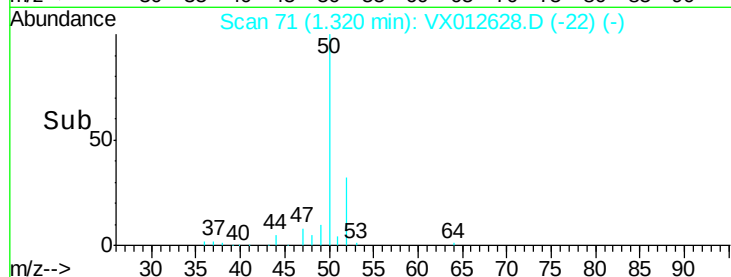
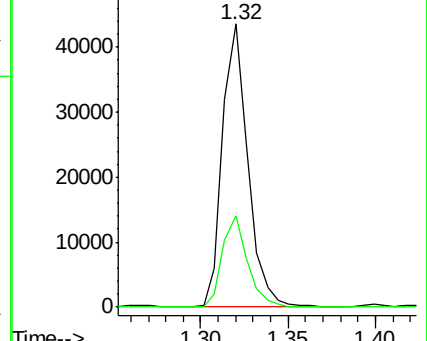
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.233 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012628.D

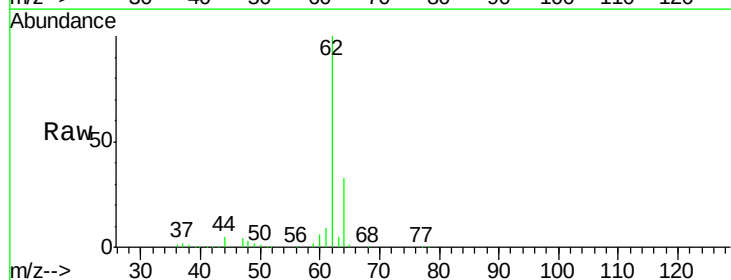
Acq: 24 Sep 2019 13:23

Tgt Ion: 62 Resp: 43635

Ion Ratio Lower Upper

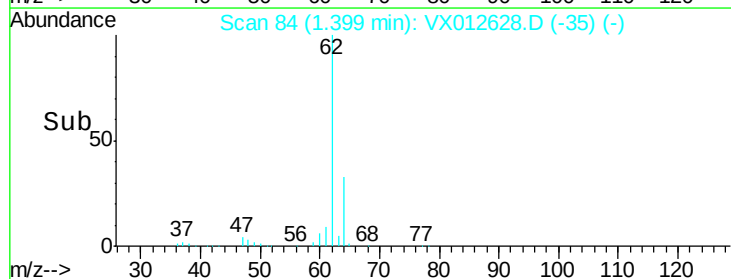
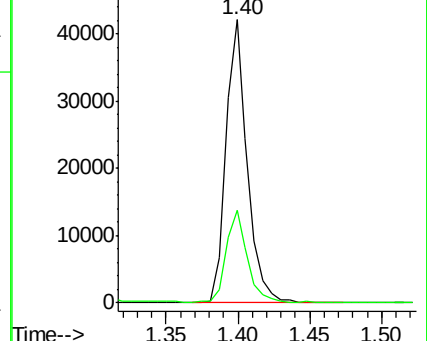
62 100

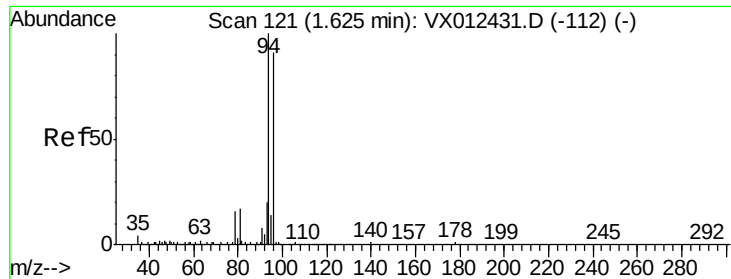
64 32.4 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.414 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 94 Resp: 21778

Ion Ratio Lower Upper

94 100

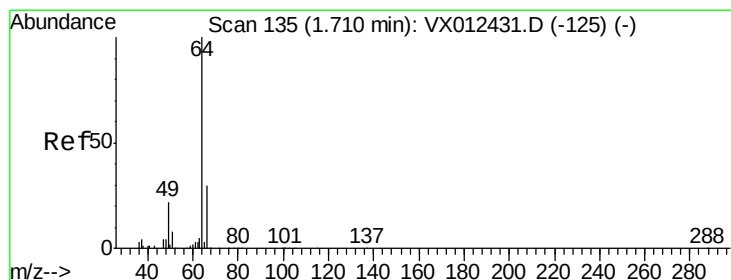
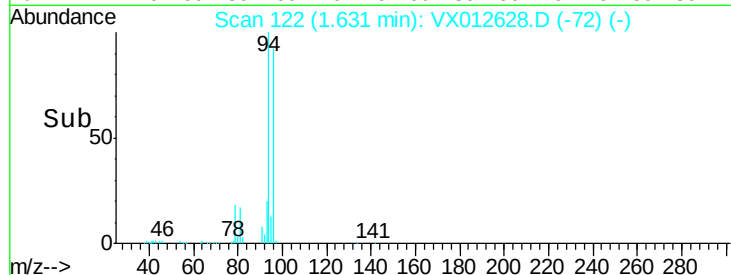
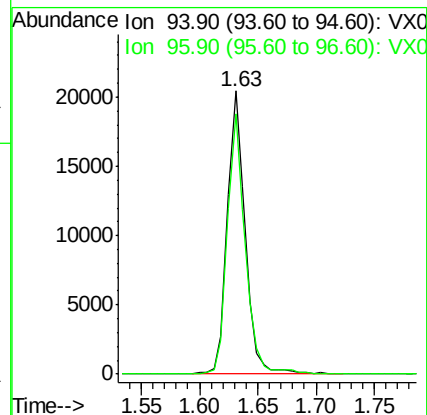
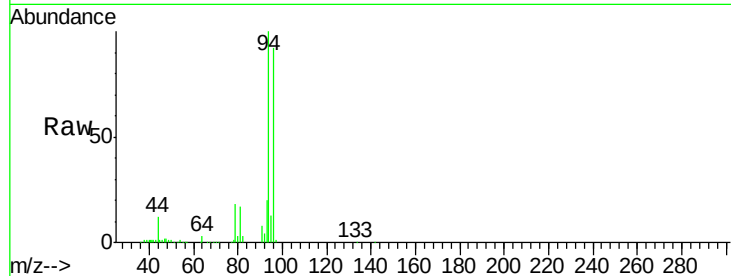
96 92.1 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 19.158 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012628.D

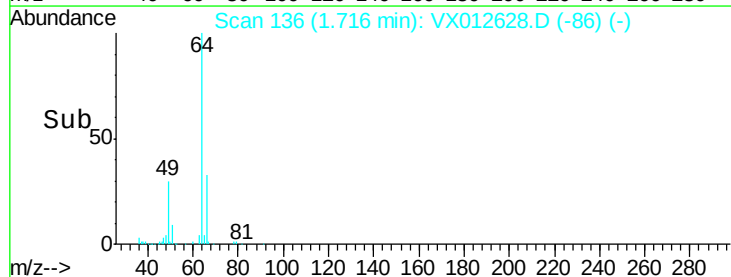
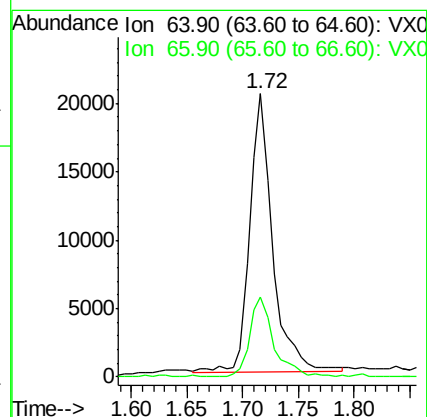
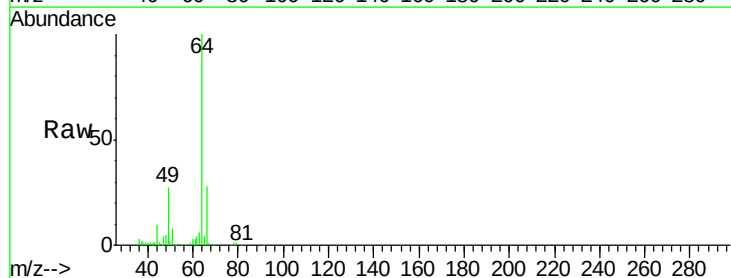
Acq: 24 Sep 2019 13:23

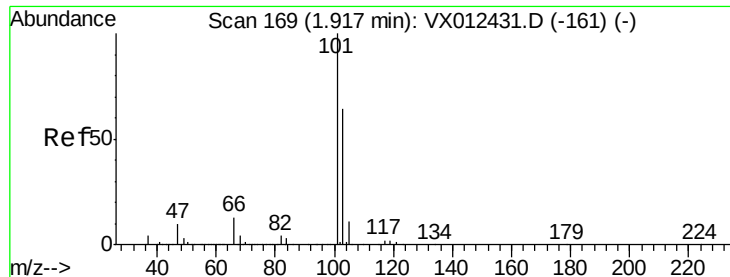
Tgt Ion: 64 Resp: 29301

Ion Ratio Lower Upper

64 100

66 28.5 24.0 36.0





#7

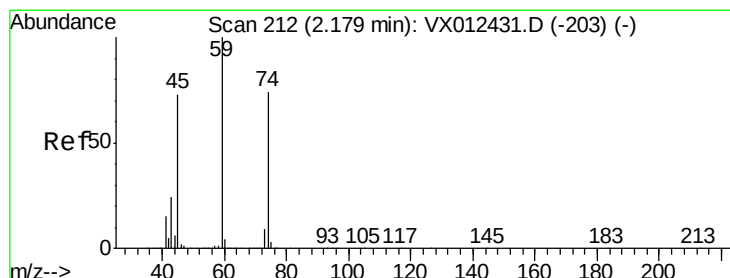
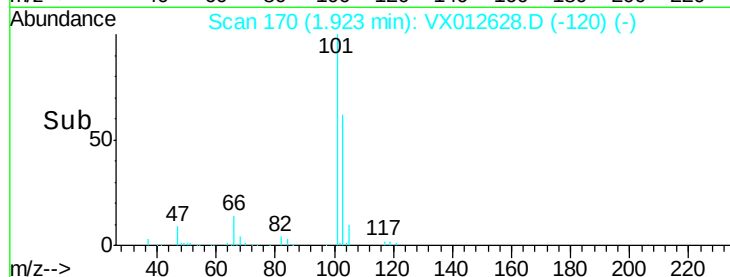
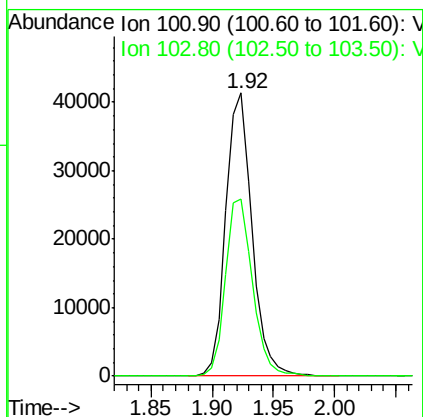
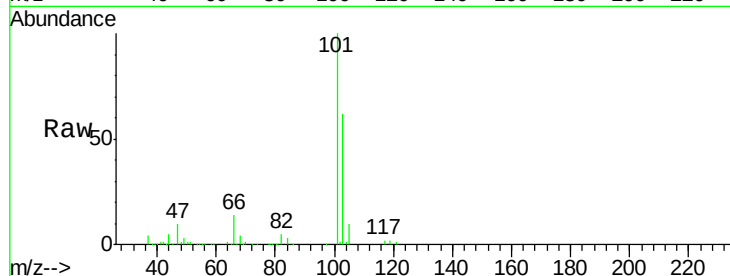
Trichlorofluoromethane
Concen: 19.234 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.0	76.4

Manual Integrations
APPROVED

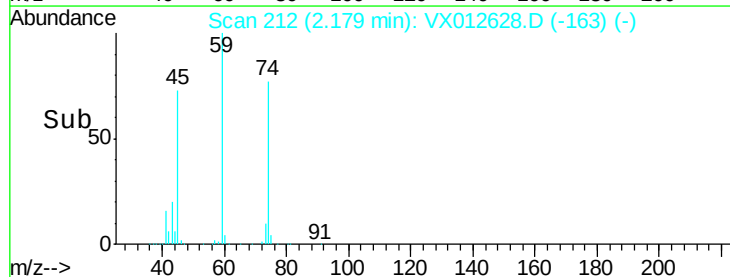
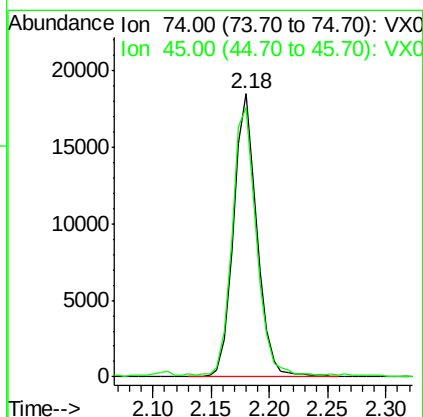
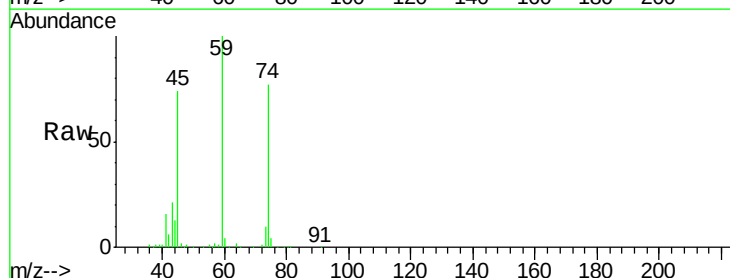
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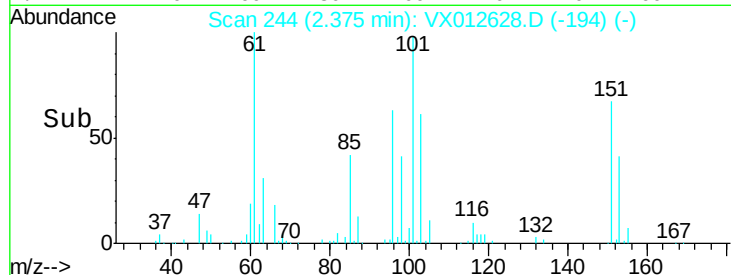
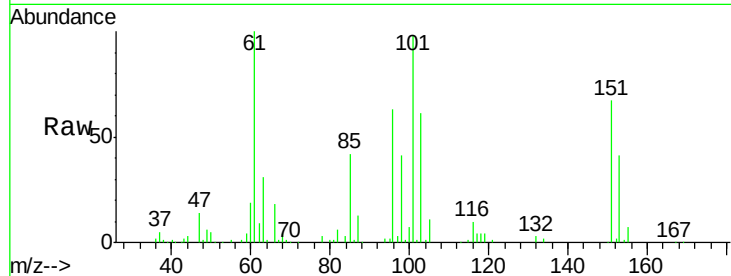
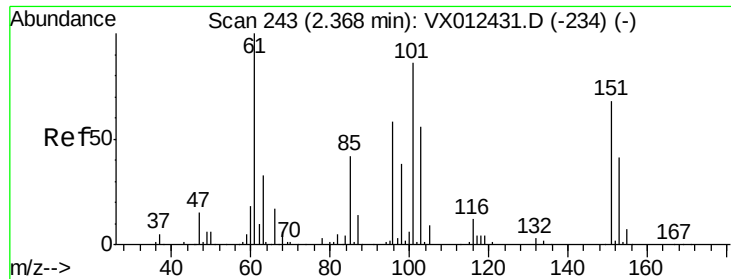


#8

Diethyl Ether
Concen: 19.818 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	49.9	149.7





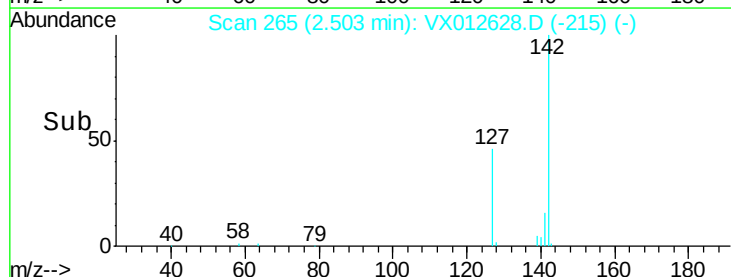
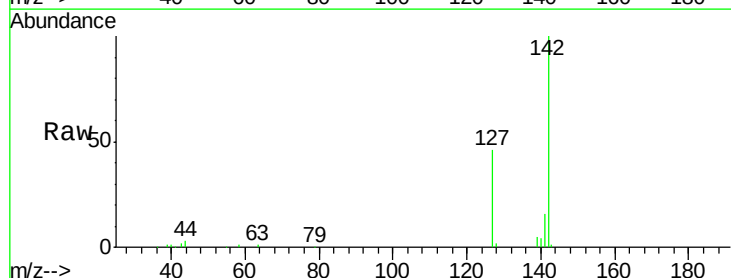
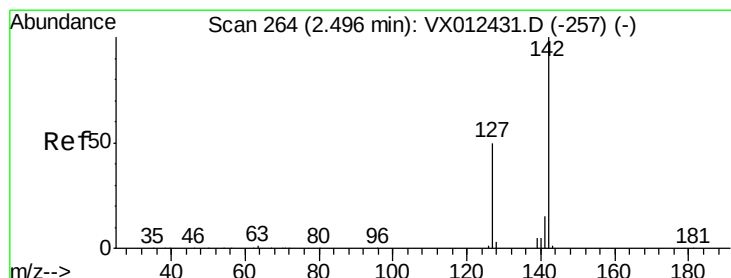
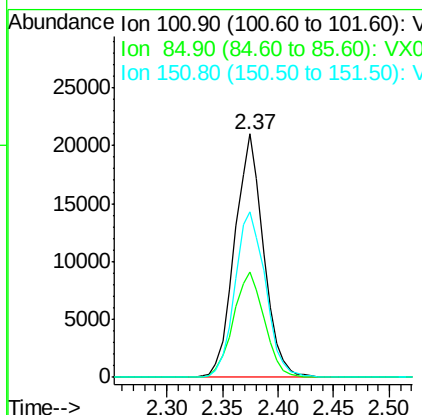
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.484 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	37801		
85	46.1	37.3	55.9	
151	72.0	61.0	91.4	

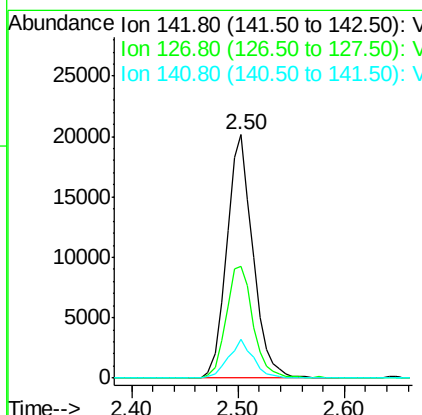
Manual Integrations
APPROVED

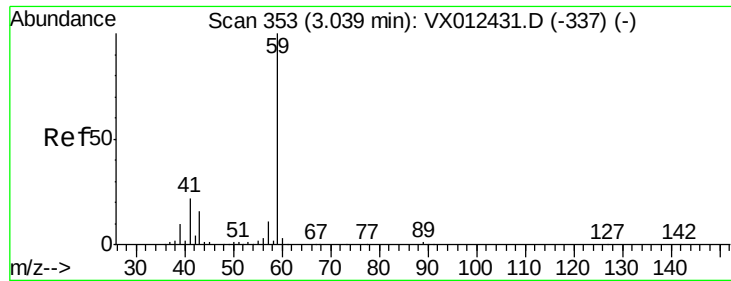
MMDadoda
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#10
Methyl Iodide
Concen: 20.191 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	34569		
127	47.7	40.8	61.2	
141	15.1	12.1	18.1	





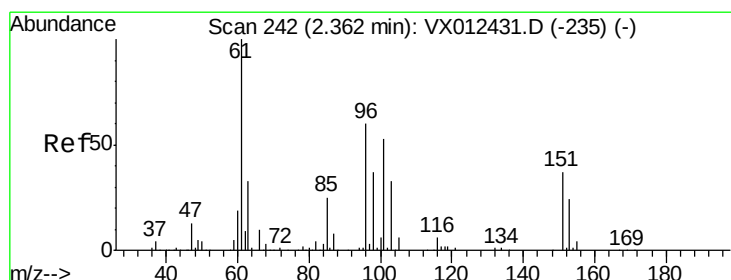
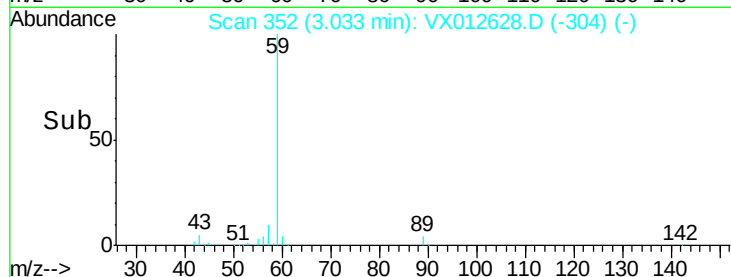
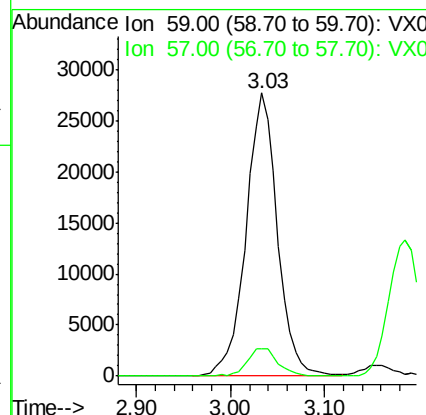
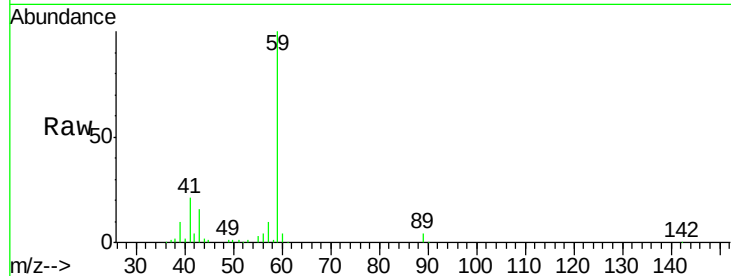
#11
Tert butyl alcohol
Concen: 100.731 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

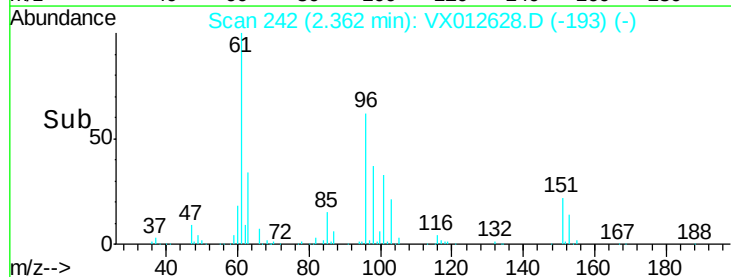
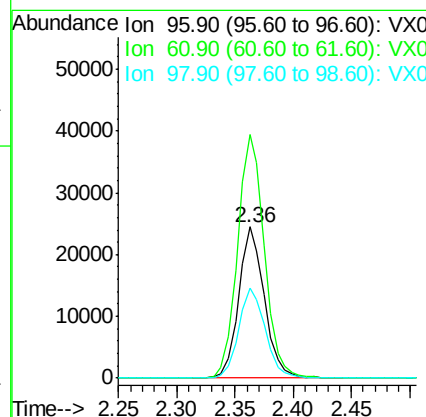
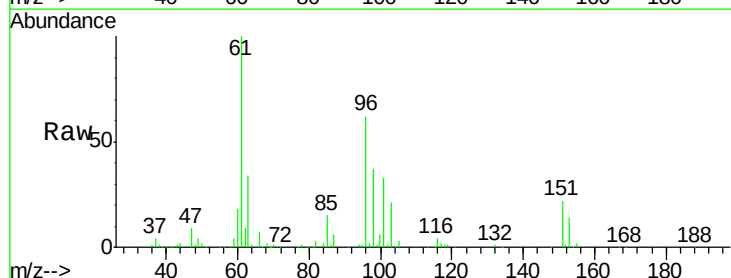
Manual Integrations
APPROVED

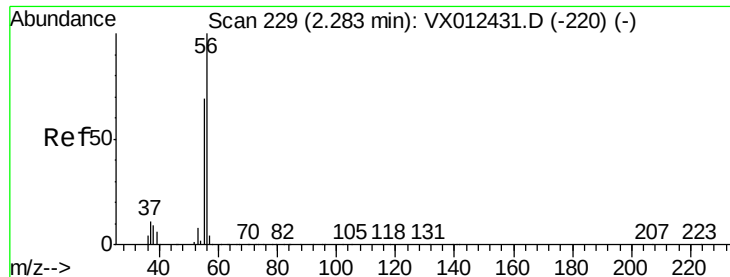
MMDadoda
9/25/2019 9:29:37 AM



#12
1,1-Dichloroethene
Concen: 19.787 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	133.8	200.6
98	59.9	49.9	74.9





#13

Acrolein

Concen: 87.318 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 56 Resp: 28779

Ion Ratio Lower Upper

56 100

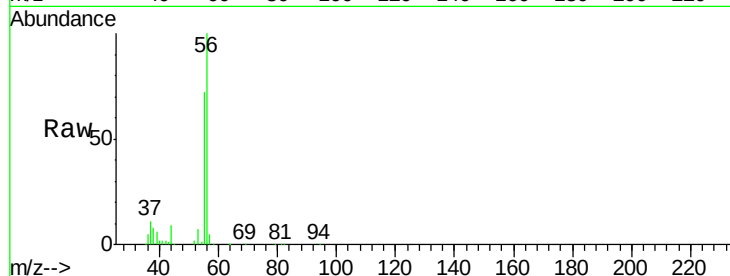
55 72.3 55.8 83.8

Manual Integrations

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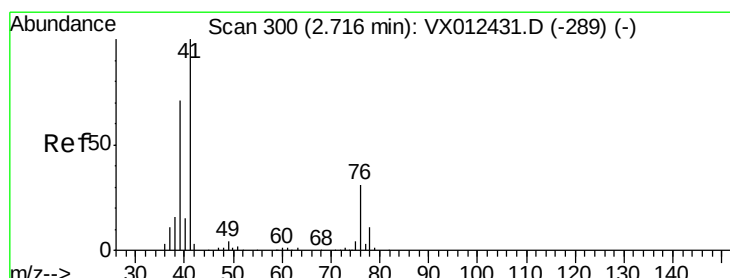
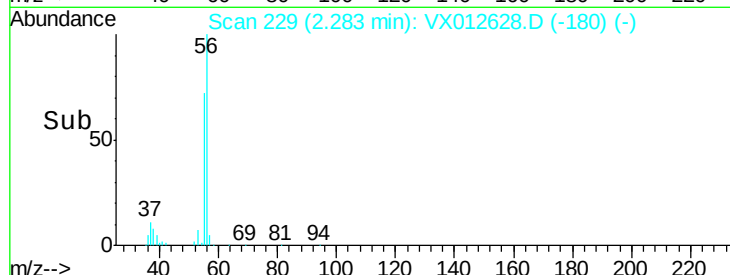
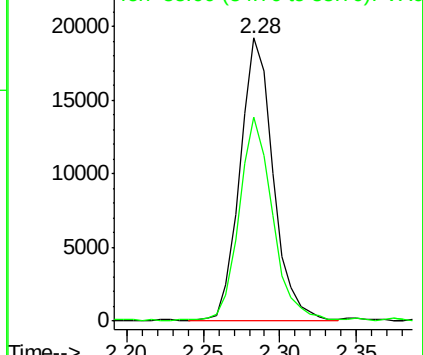
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.083 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

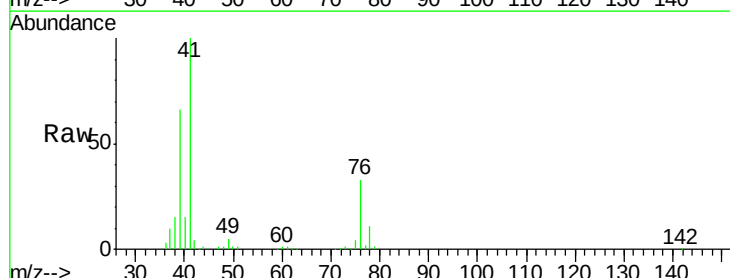
Tgt Ion: 41 Resp: 71928

Ion Ratio Lower Upper

41 100

39 64.3 51.3 76.9

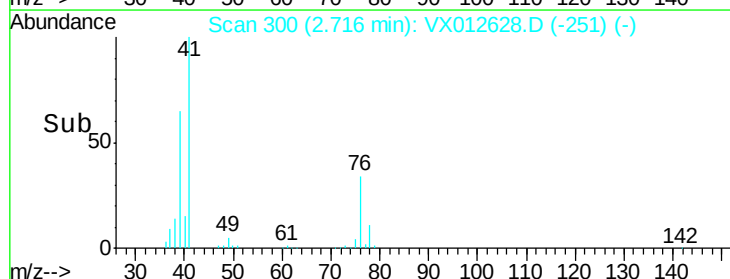
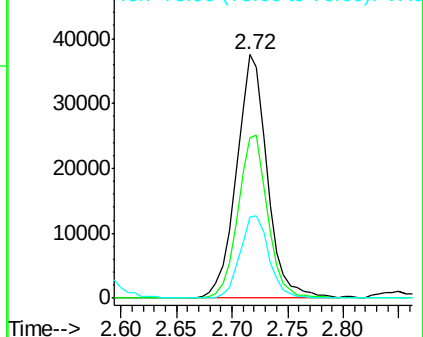
76 31.6 22.6 33.8

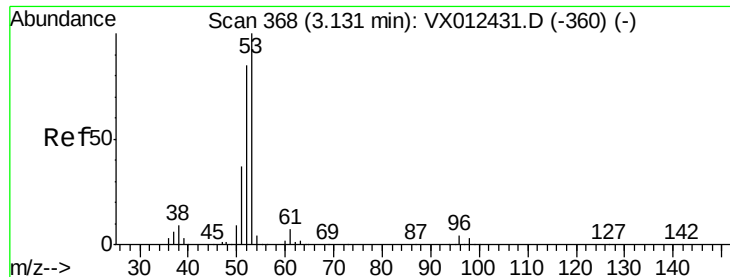


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.891 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

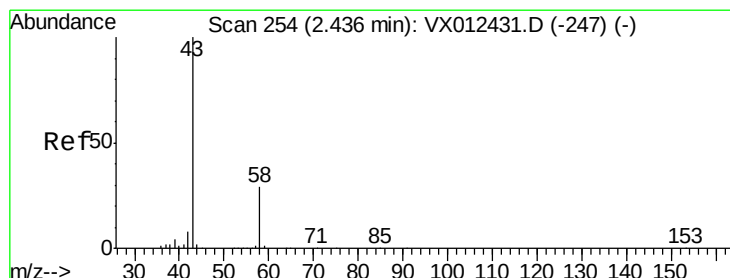
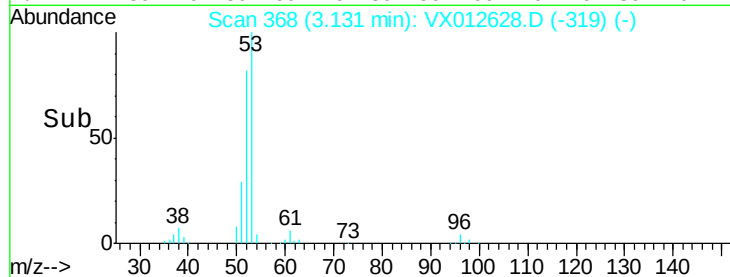
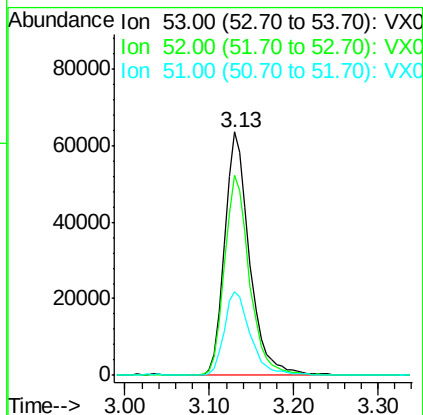
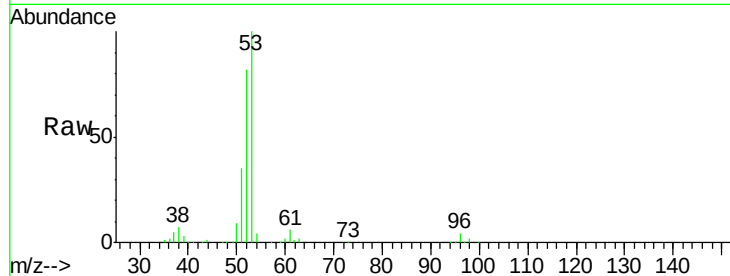
ClientSampleId :

VX0924WBSD01

Tot Ion:	53	Resp:	128957
Ion Ratio	Lower	Upper	
53	100		
52	82.3	67.0	100.4
51	36.3	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 91.314 ug/l

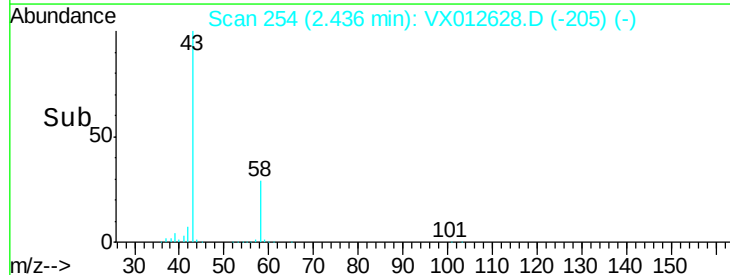
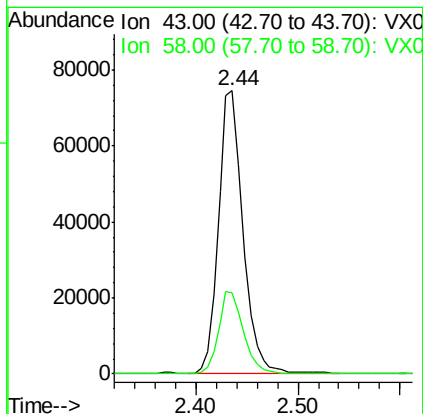
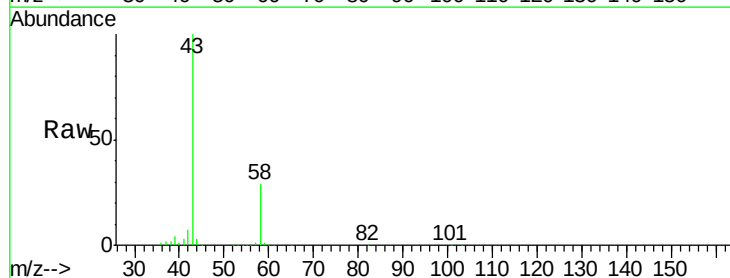
RT: 2.44 min Scan# 254

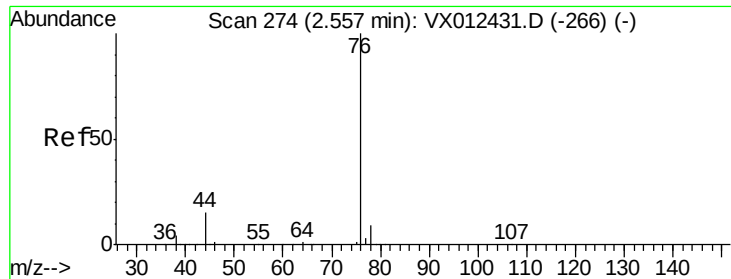
Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion:	43	Resp:	124451
Ion Ratio	Lower	Upper	
43	100		
58	28.7	23.3	34.9





#17

Carbon Disulfide

Concen: 17.430 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 76 Resp: 92832

Ion Ratio Lower Upper

76 100

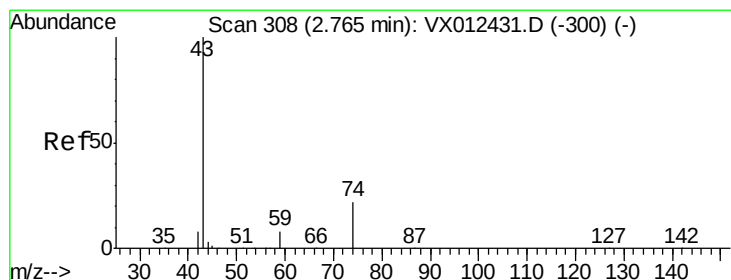
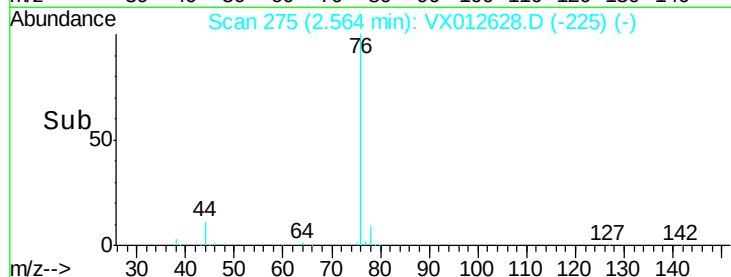
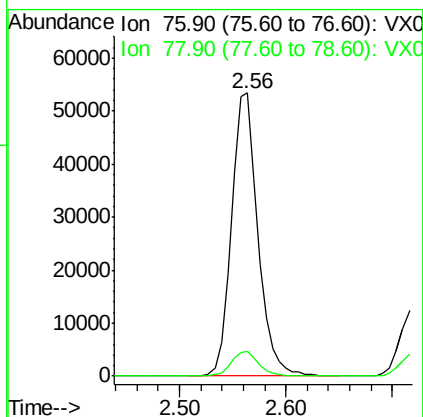
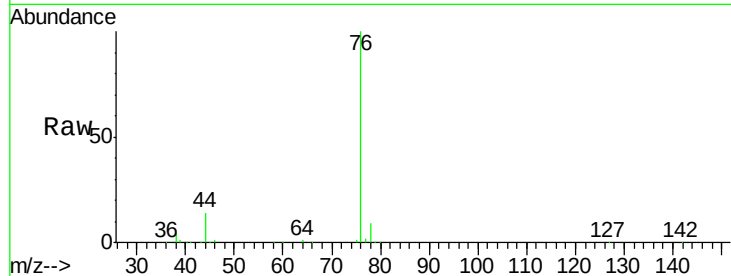
78 8.8 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 19.336 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012628.D

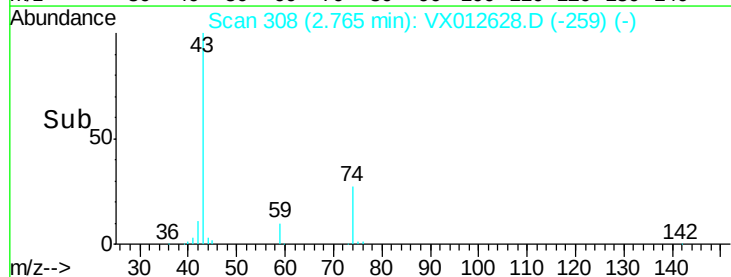
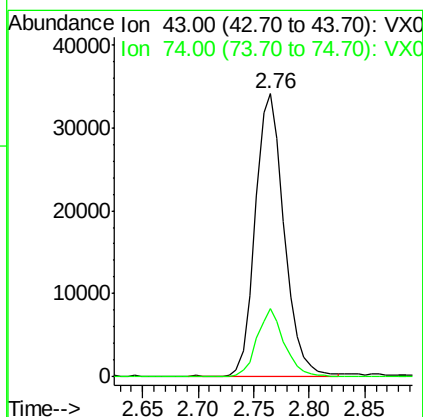
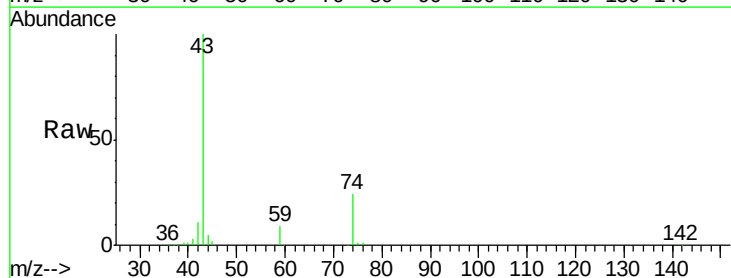
Acq: 24 Sep 2019 13:23

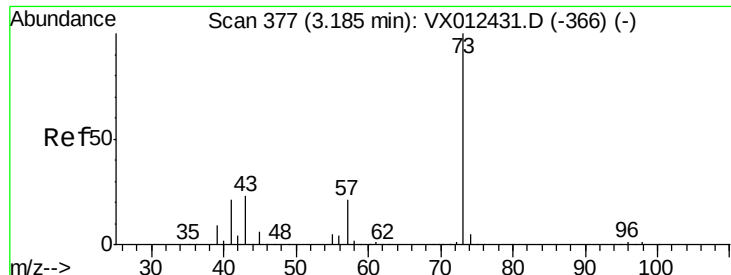
Tgt Ion: 43 Resp: 62051

Ion Ratio Lower Upper

43 100

74 23.1 17.7 26.5





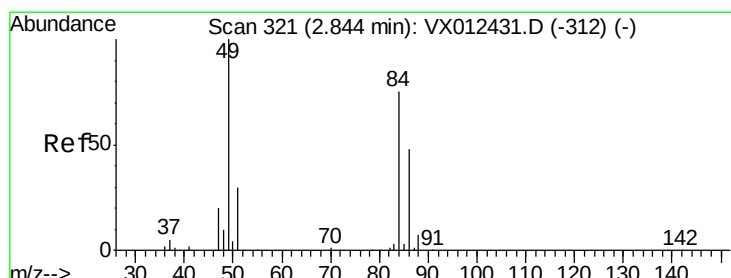
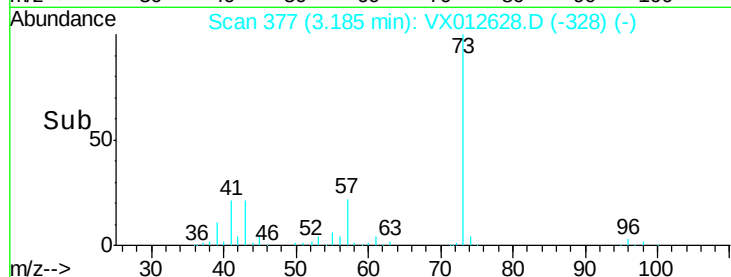
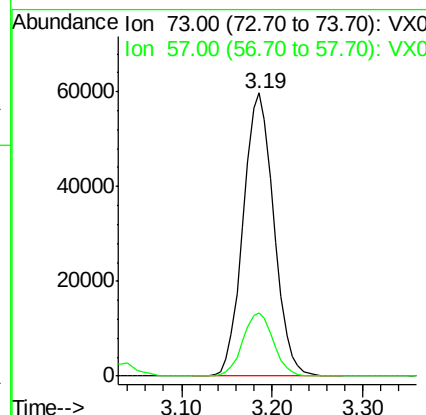
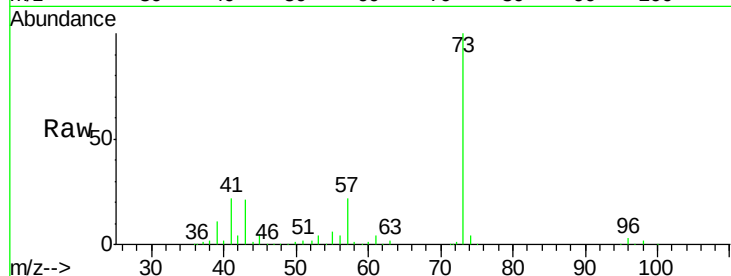
#19
Methyl tert-butyl Ether
Concen: 19.452 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

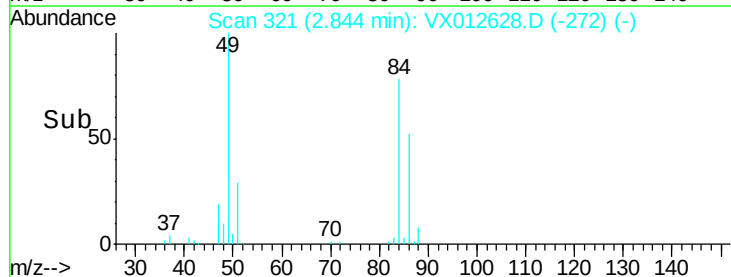
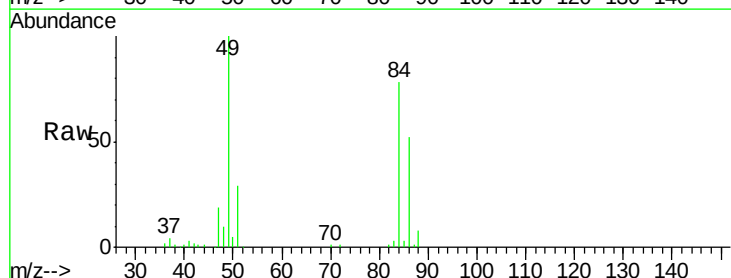
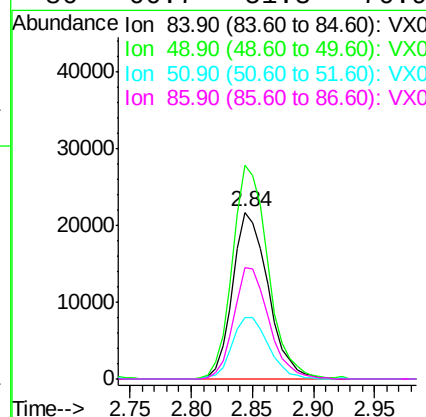
Manual Integrations
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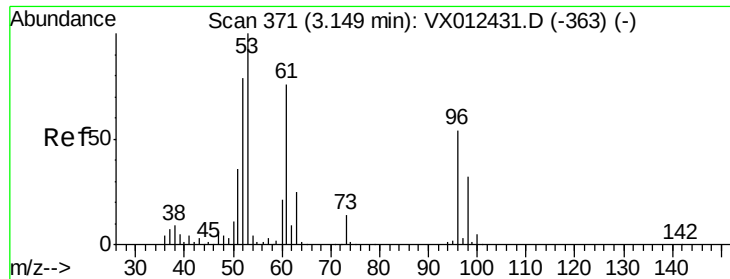
MMDadoda
9/25/2019 9:29:37 AM



#20
Methylene Chloride
Concen: 18.977 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.1	106.8	160.2
51	36.5	32.3	48.5
86	66.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 19.382 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 96 Resp: 40794

Ion Ratio Lower Upper

96 100

61 144.9 112.0 168.0

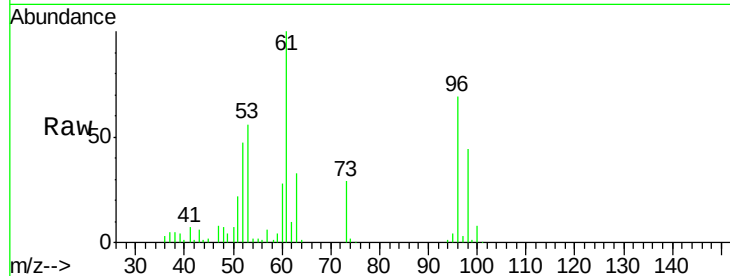
98 64.0 47.8 71.8

Manual Integrations

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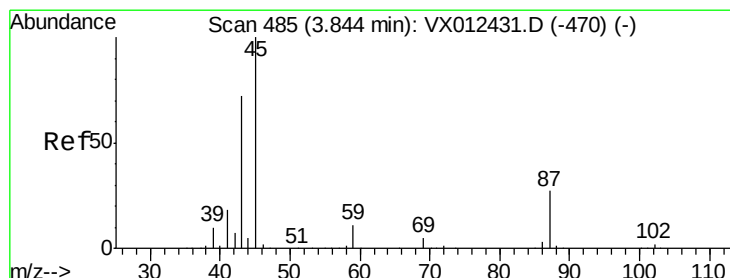
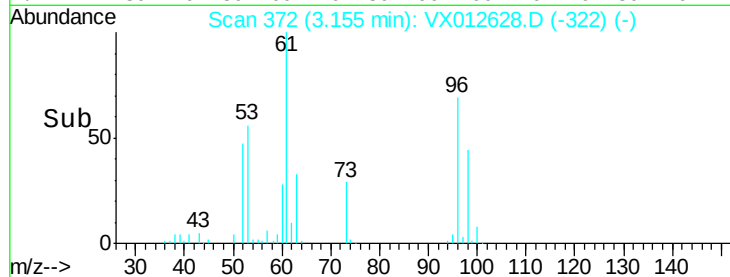
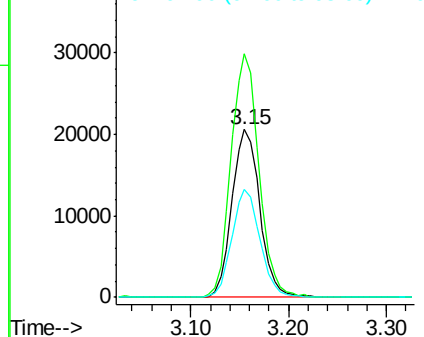


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.035 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion: 45 Resp: 145916

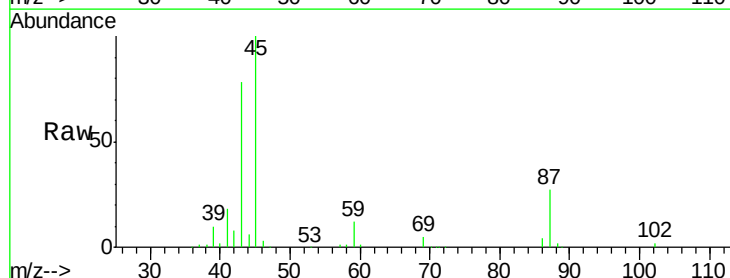
Ion Ratio Lower Upper

45 100

43 77.8 57.8 86.8

87 27.5 21.3 31.9

59 11.5 8.5 12.7



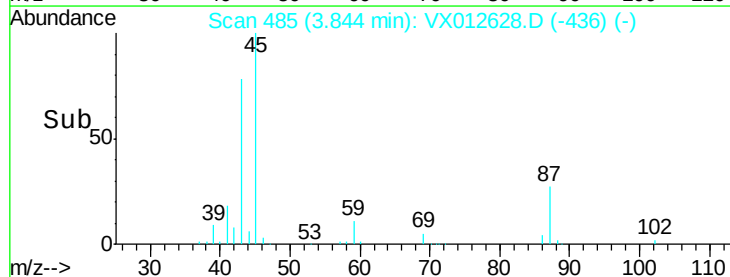
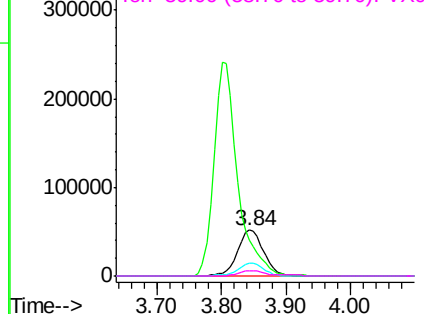
Abundance

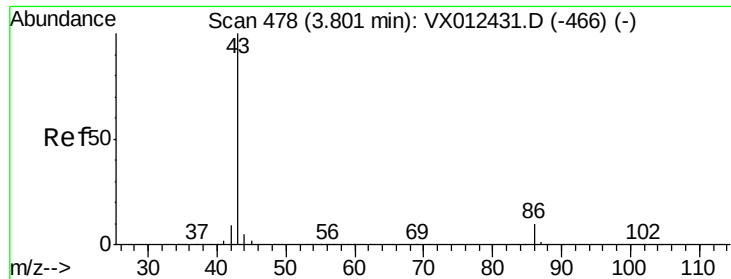
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.998 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 43 Resp: 625910

Ion Ratio Lower Upper

43 100

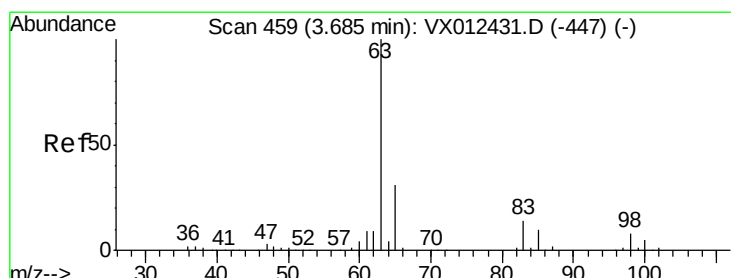
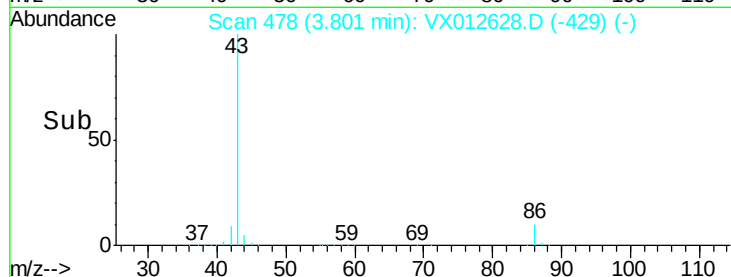
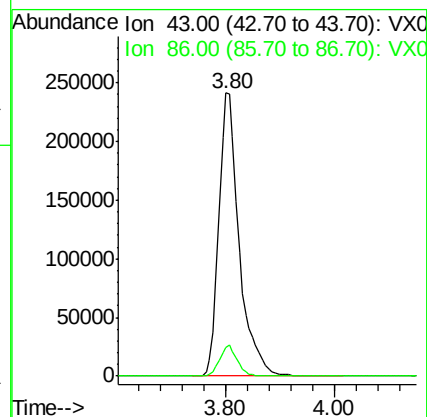
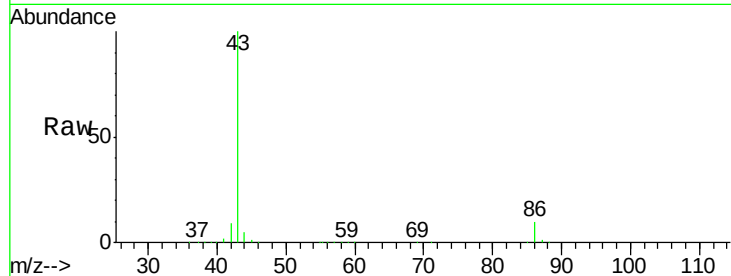
86 10.1 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 19.652 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

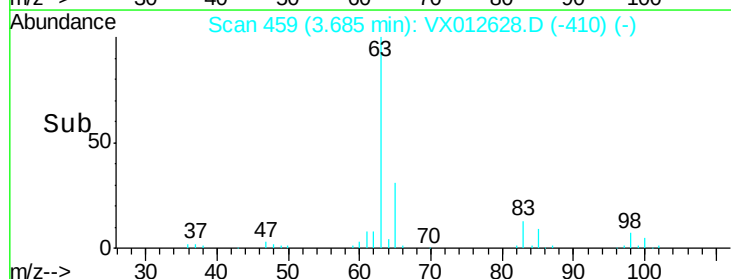
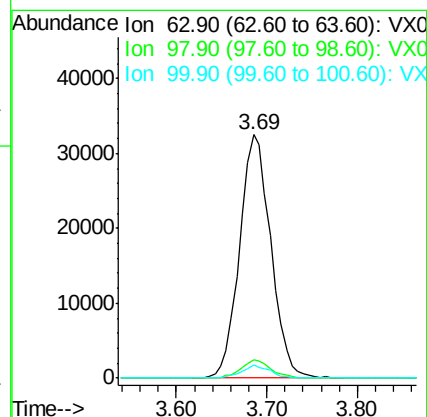
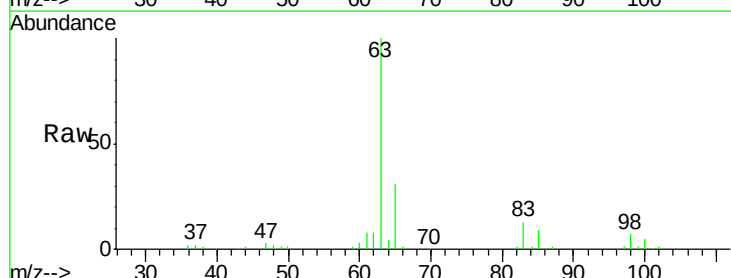
Tgt Ion: 63 Resp: 77801

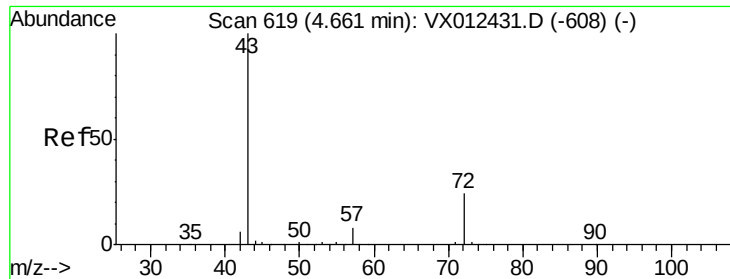
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 5.2 2.3 6.9





#25

2-Butanone

Concen: 94.786 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 43 Resp: 185229

Ion Ratio Lower Upper

43 100

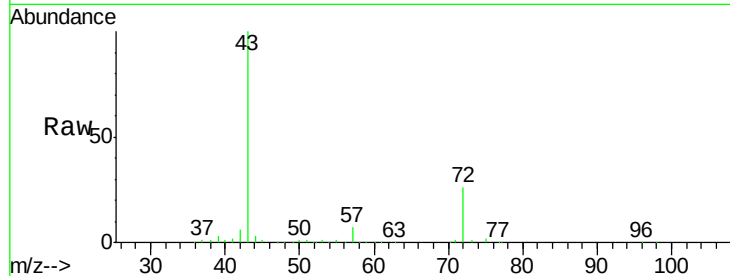
72 25.8 19.2 28.8

Manual Integrations

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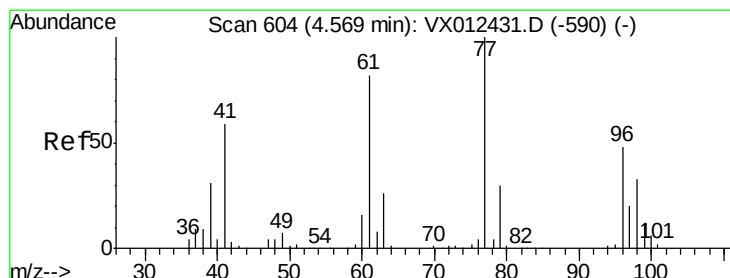
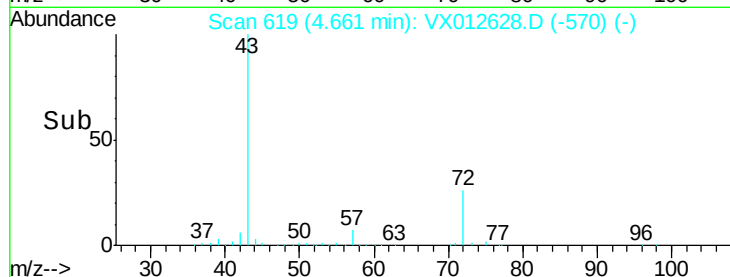
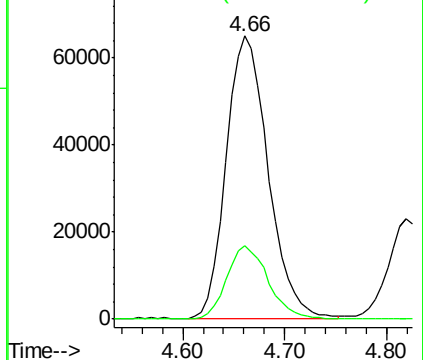
MMDadoda

9/25/2019 9:29:37 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.394 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012628.D

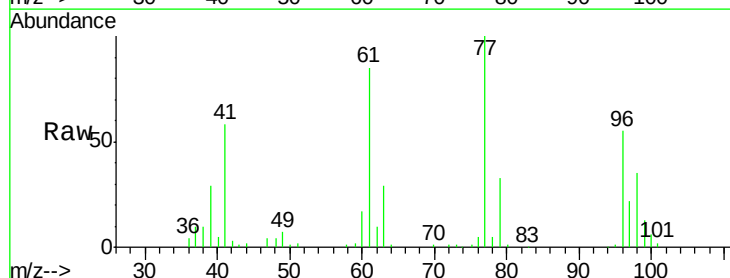
Acq: 24 Sep 2019 13:23

Tgt Ion: 77 Resp: 64767

Ion Ratio Lower Upper

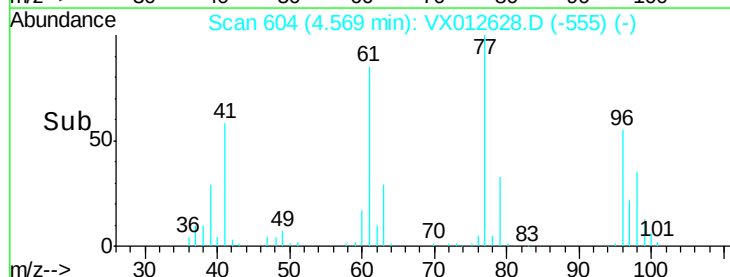
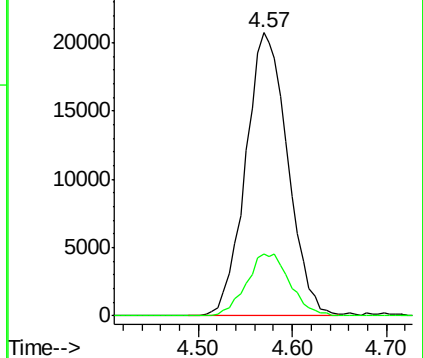
77 100

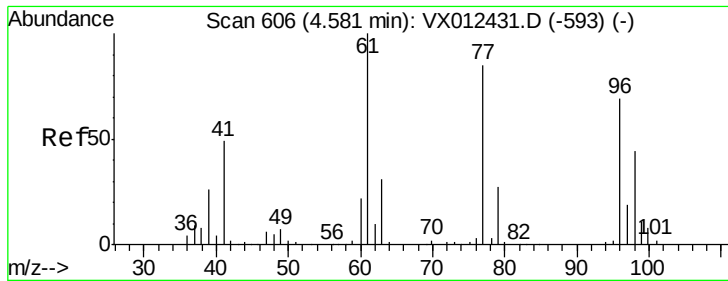
97 22.6 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

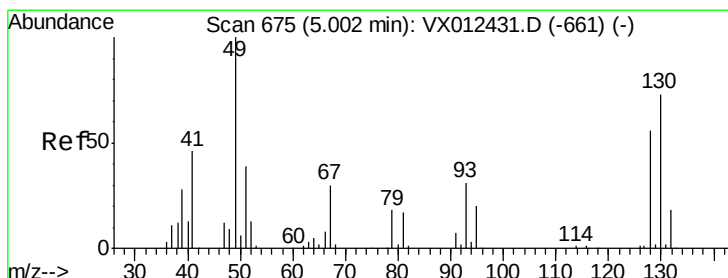
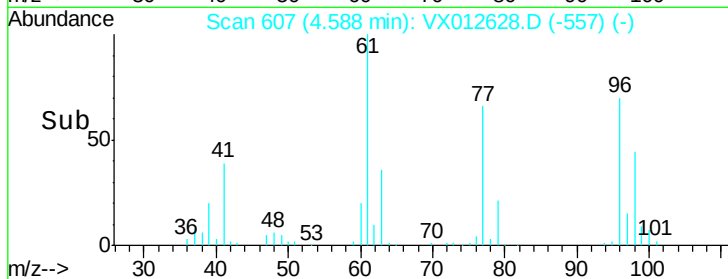
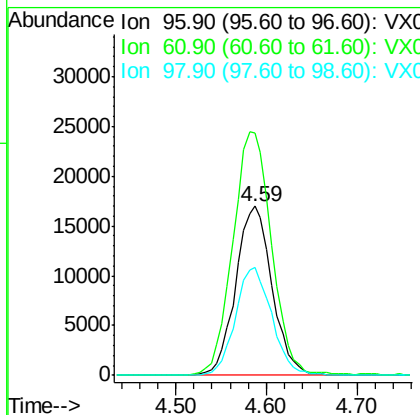
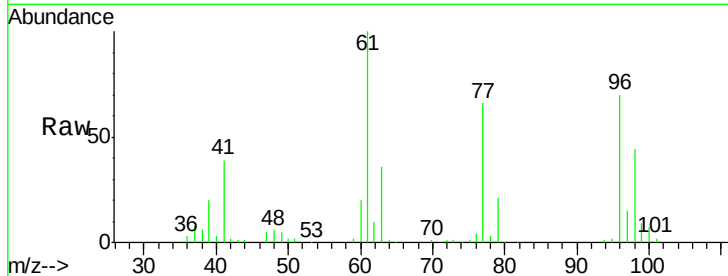
cis-1,2-Dichloroethene
Concen: 19.295 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	47120		
61	153.7		0.0	319.4
98	63.9		0.0	130.6

Manual Integrations
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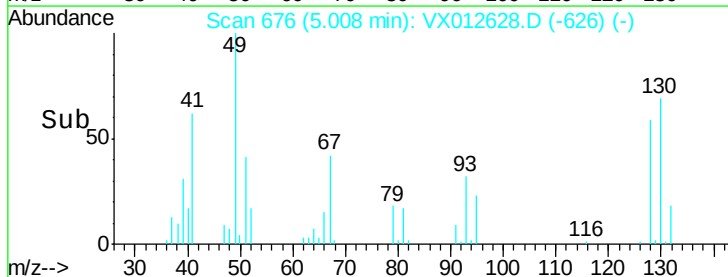
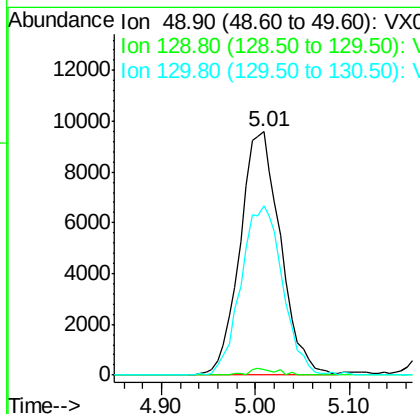
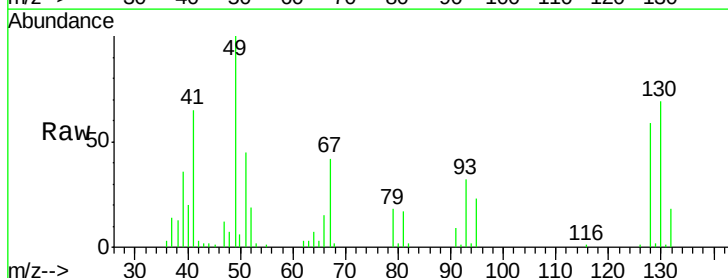
MMDadoda
9/25/2019 9:29:37 AM

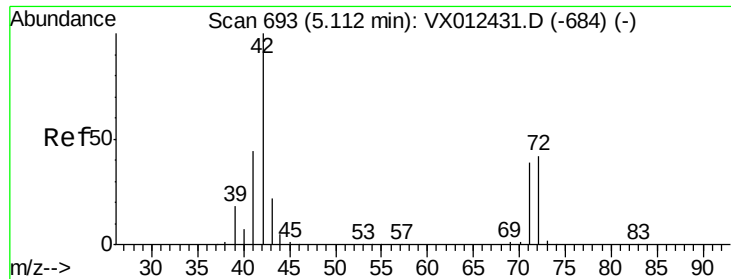


#28

Bromochloromethane
Concen: 20.093 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28883		
129	1.9		0.0	3.8
130	71.0		58.2	87.4





#29

Tetrahydrofuran

Concen: 99.361 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

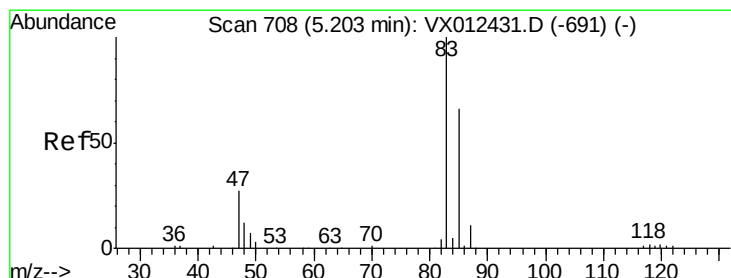
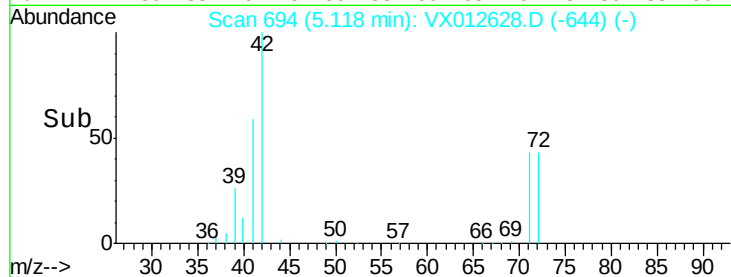
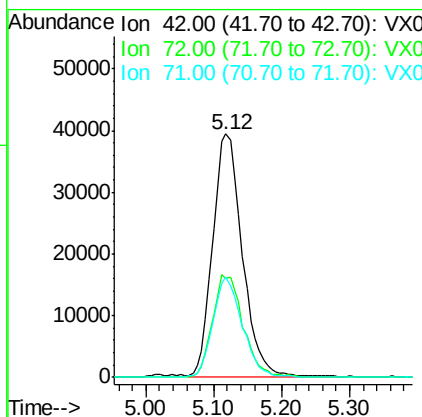
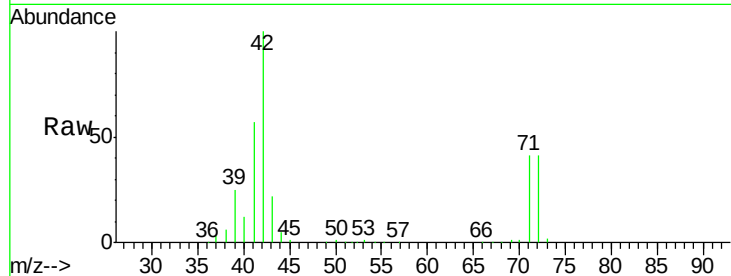
ClientSampleId :

VX0924WBSD01

Tot Ion:	42	Resp:	118347
Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.0	51.0
71	41.2	31.5	47.3

Manual Integrations
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#30

Chloroform

Concen: 19.771 ug/l

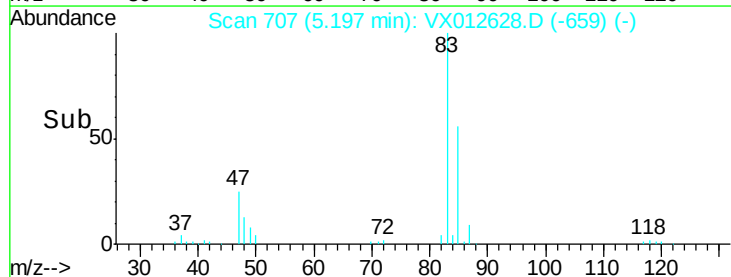
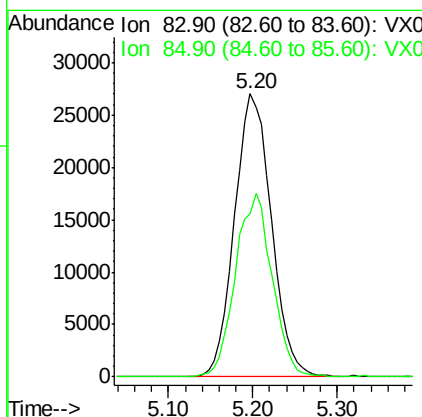
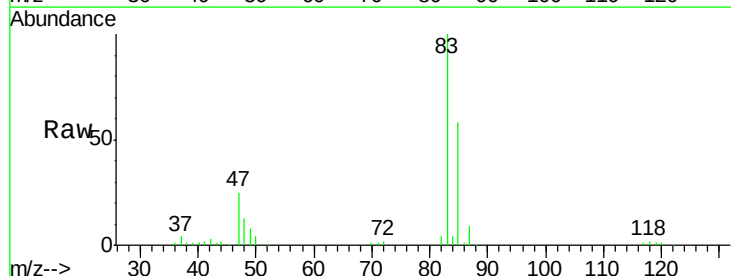
RT: 5.20 min Scan# 707

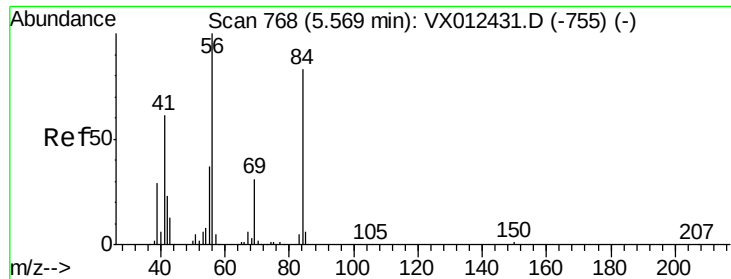
Delta R.T. -0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion:	83	Resp:	80078
Ion	Ratio	Lower	Upper
83	100		
85	57.5	53.0	79.4





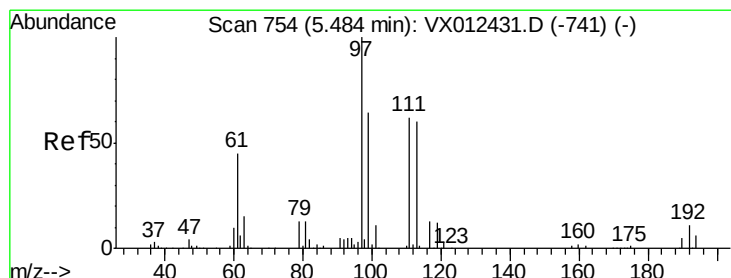
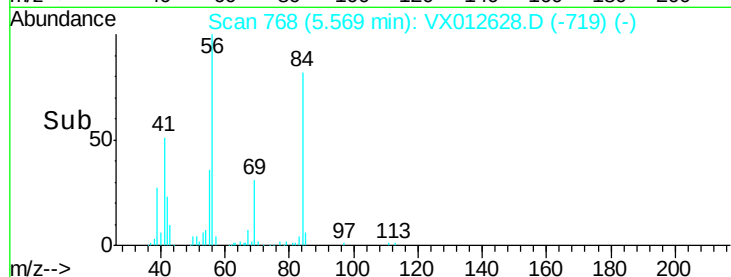
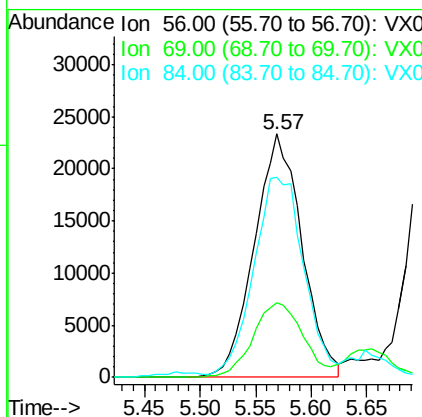
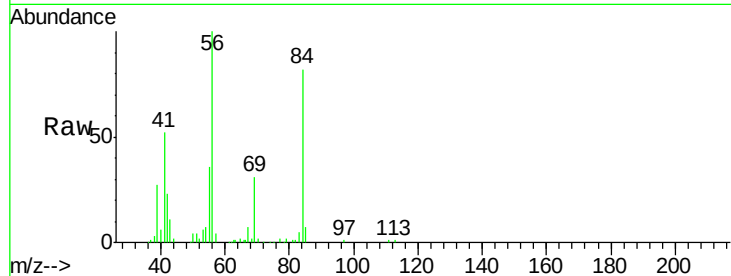
#31
Cyclohexane
Concen: 19.377 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.0	37.6
84	80.4	66.4	99.6

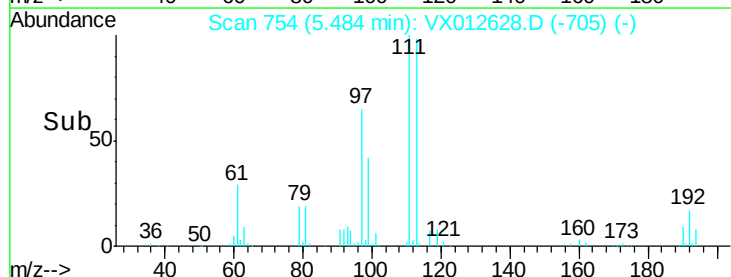
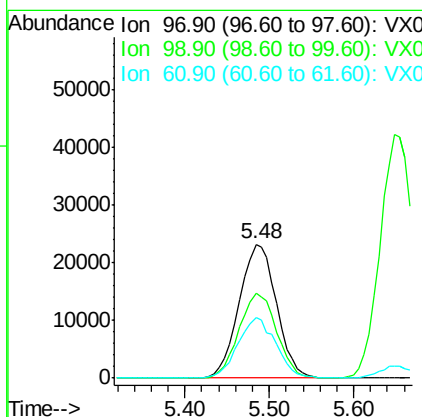
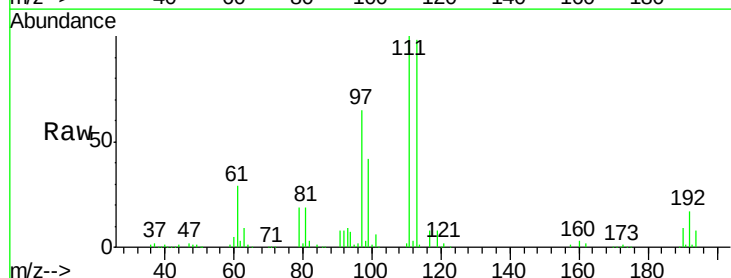
Manual Integrations
APPROVED

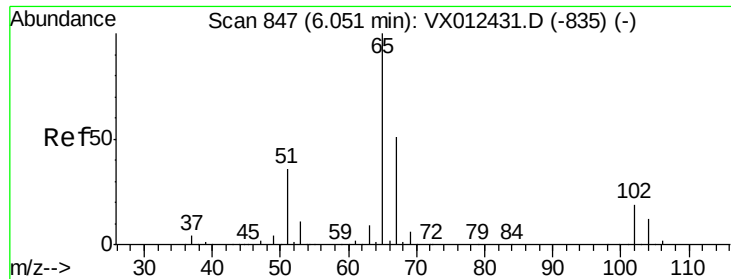
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#32
1,1,1-Trichloroethane
Concen: 19.452 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	45.6	36.1	54.1





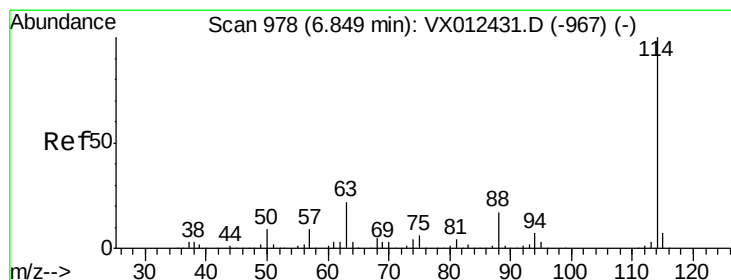
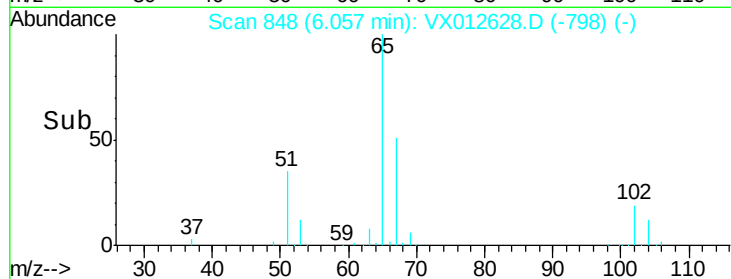
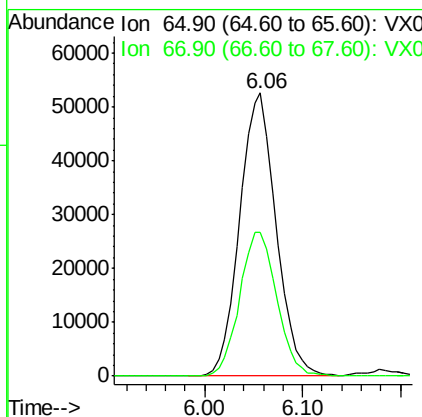
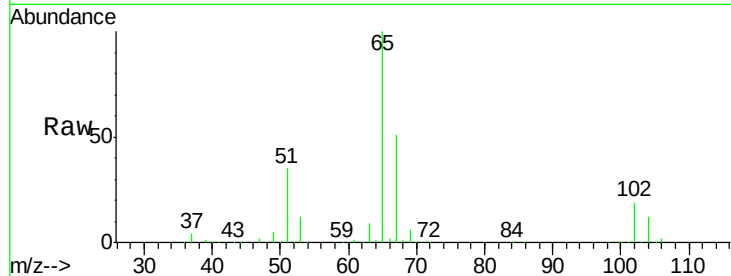
#33
 1,2-Dichloroethane-d4
 Concen: 52.758 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.2

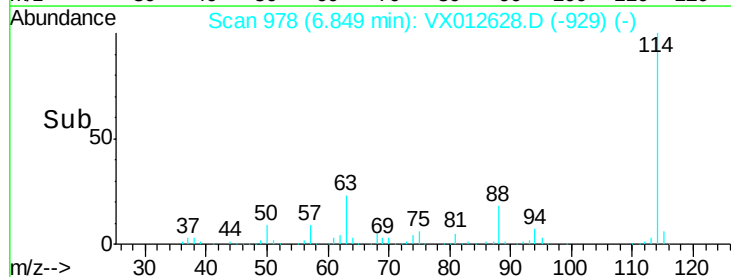
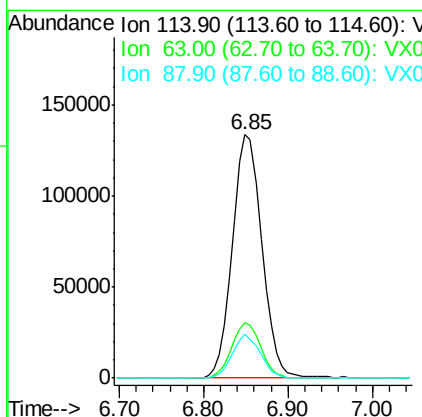
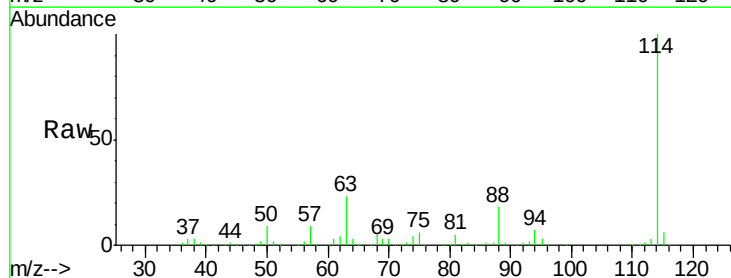
Manual Integrations
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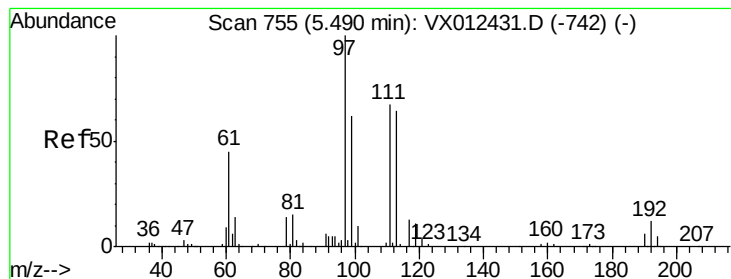
MMDadoda
 9/25/2019 9:29:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.2
88	17.9	0.0	33.2





#35

Dibromofluoromethane

Concen: 52.593 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

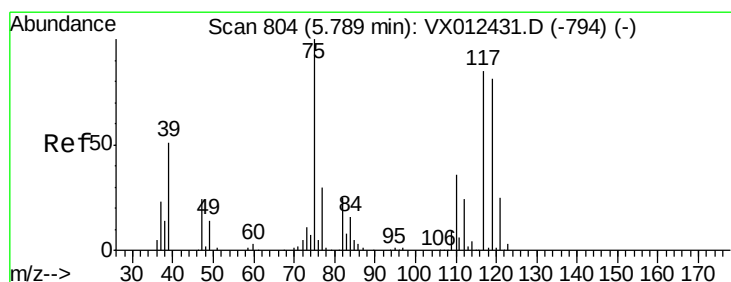
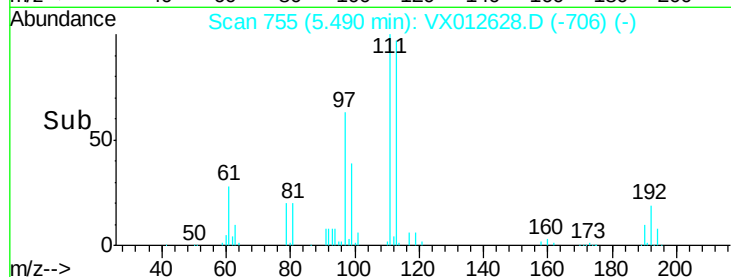
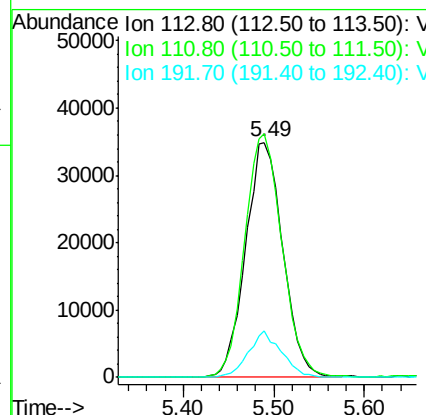
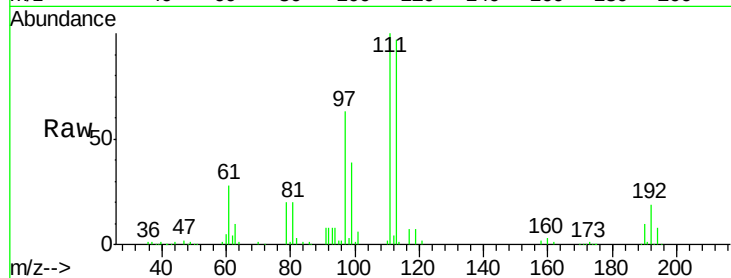
ClientSampleId :

VX0924WBSD01

Tot Ion:	113	Resp:	99306
Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.2
192	17.5	14.4	21.6

Manual Integrations
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9/25/2019 9:29:37 AM



#36

1,1-Dichloropropene

Concen: 18.736 ug/l

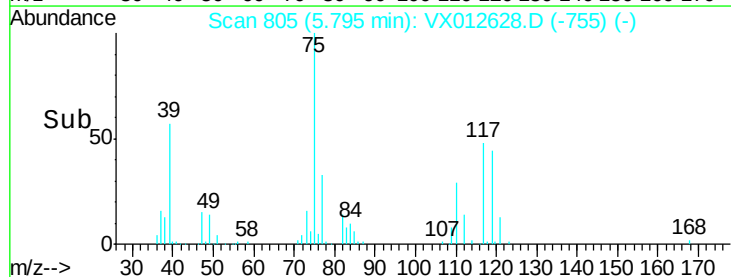
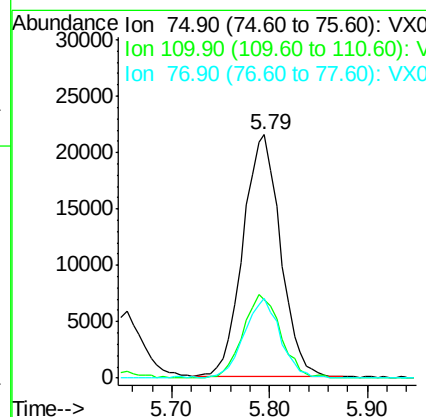
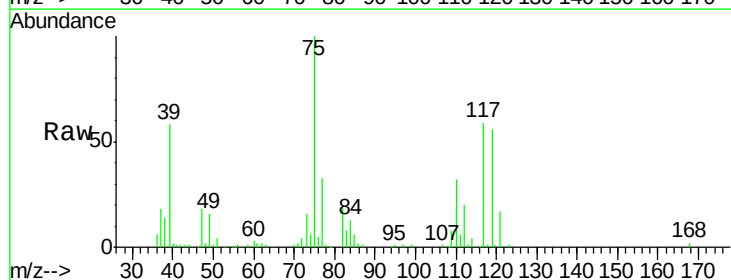
RT: 5.79 min Scan# 805

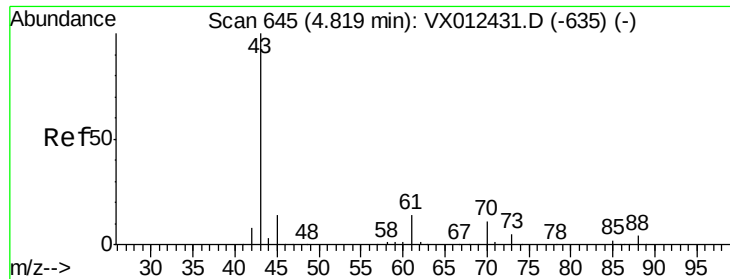
Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion:	75	Resp:	57258
Ion	Ratio	Lower	Upper
75	100		
110	34.8	16.7	50.0
77	31.9	24.2	36.2





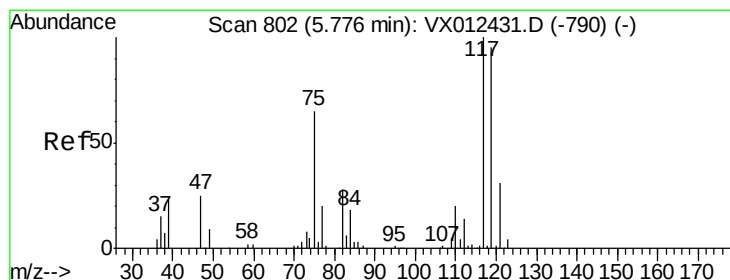
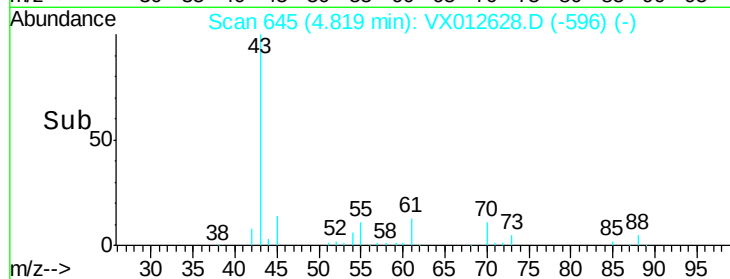
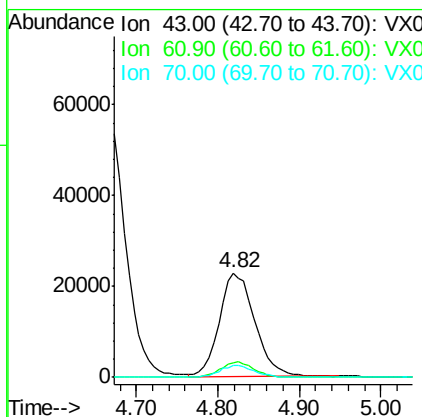
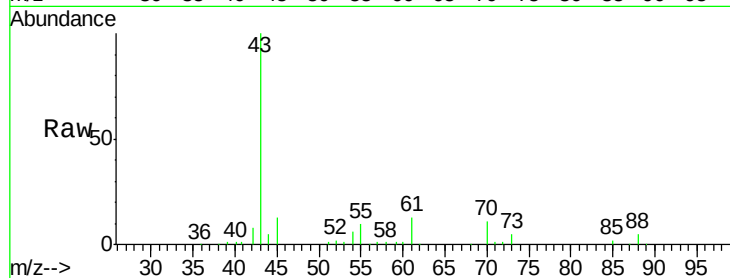
#37
Ethyl Acetate
Concen: 19.158 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion:	43	Resp:	68448
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.2	15.4
70	11.3	8.7	13.1

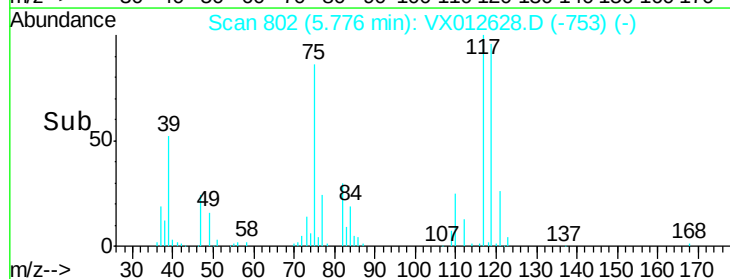
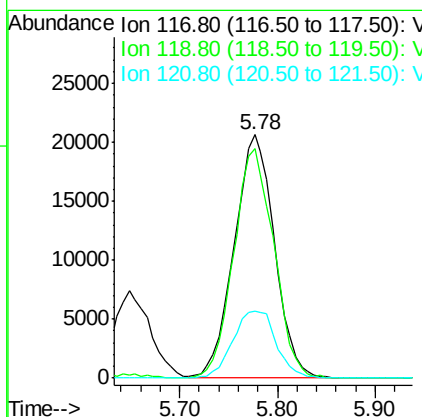
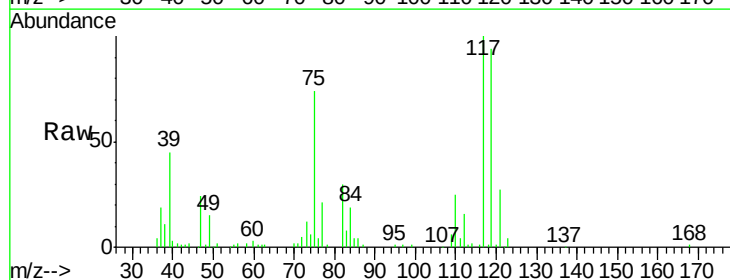
Manual Integrations
APPROVED

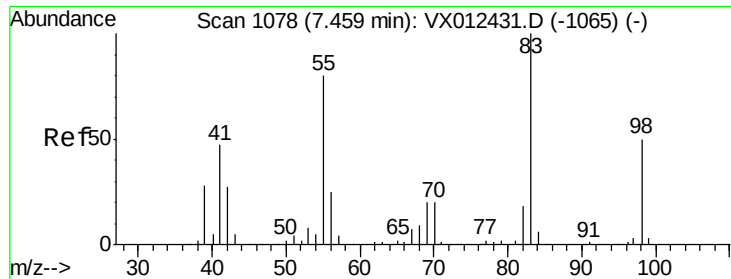
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#38
Carbon Tetrachloride
Concen: 19.051 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion:	117	Resp:	59144
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.7	113.5
121	27.4	24.2	36.4





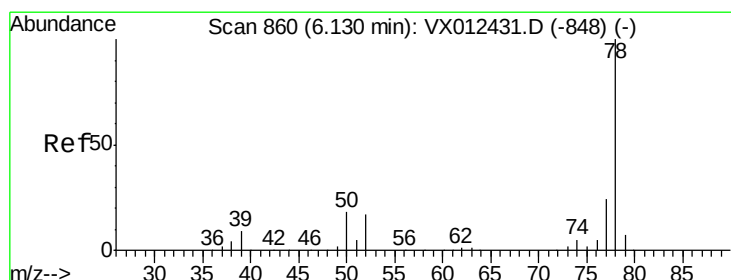
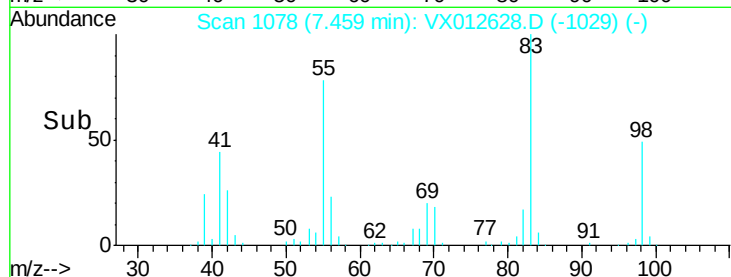
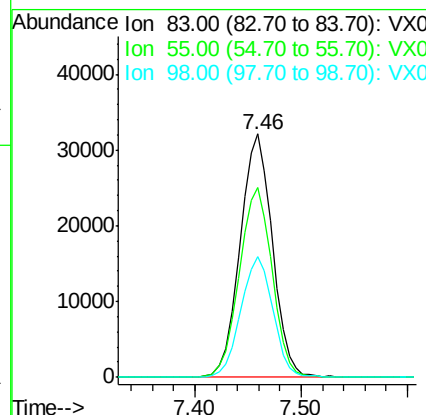
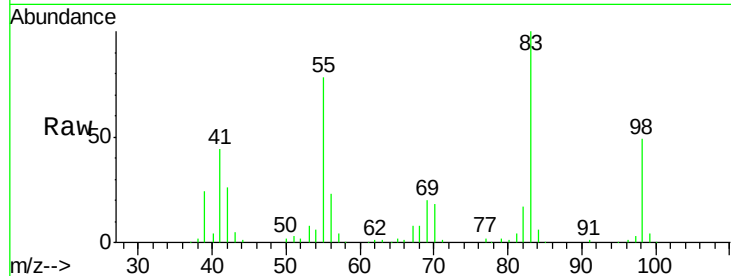
#39
Methylvlcyclohexane
Concen: 18.643 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion	83	Resp	68589
Ion	Ratio	Lower	Upper
83	100		
55	78.0	64.4	96.6
98	49.5	40.1	60.1

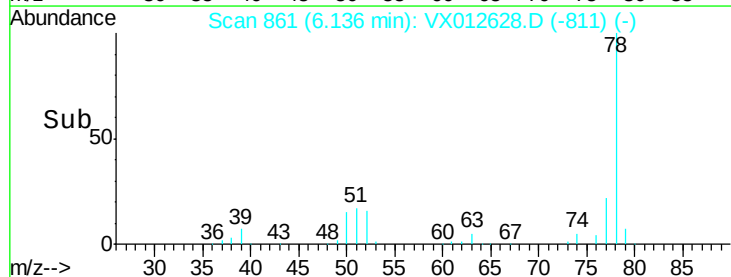
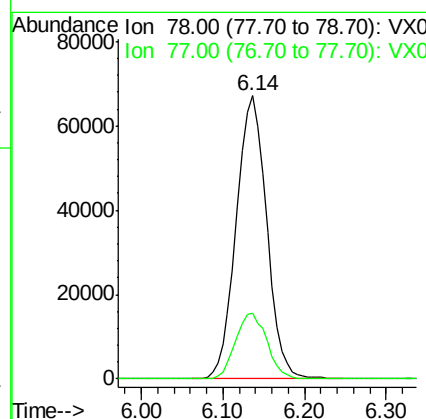
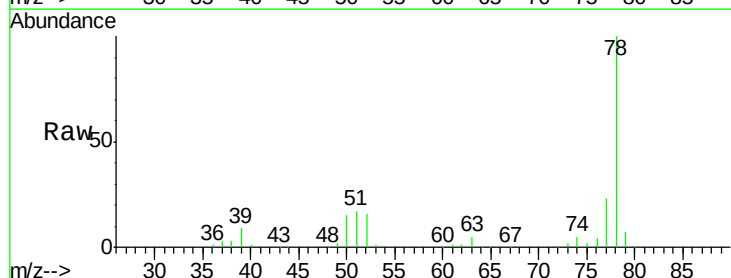
Manual Integrations
APPROVED

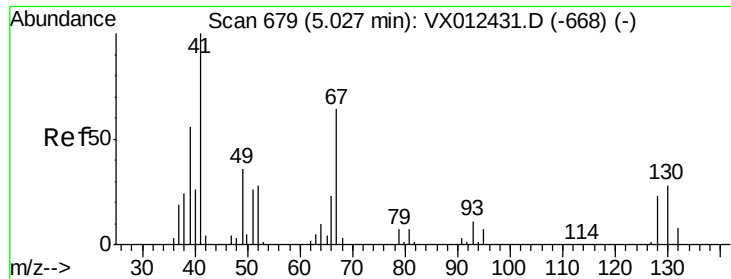
MMDadoda
9/25/2019 9:29:37 AM



#40
Benzene
Concen: 19.289 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	78	Resp	173445
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.2	28.8





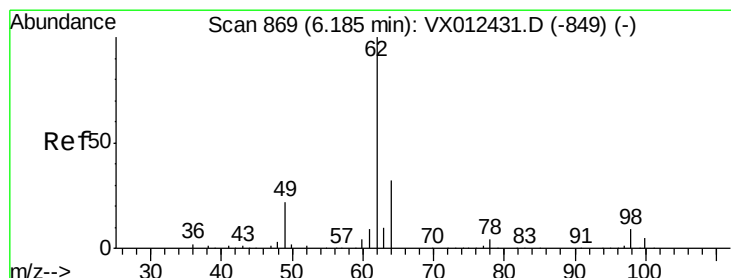
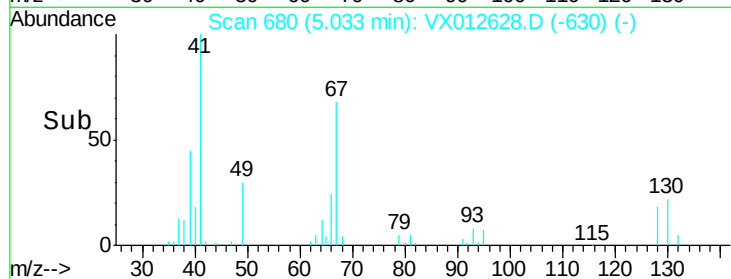
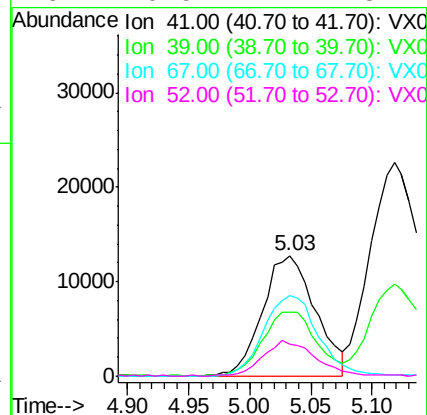
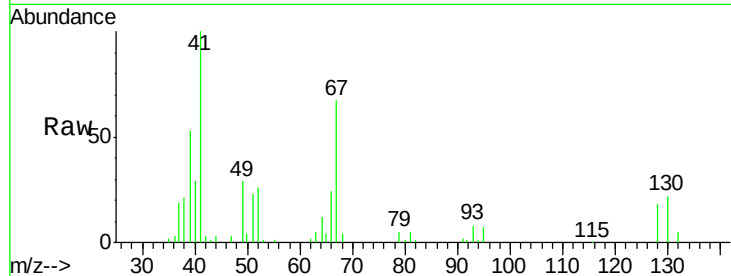
#41
Methacrylonitrile
Concen: 19.192 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	46.0	69.0	
67	69.3	52.2	78.2	
52	29.5	22.7	34.1	

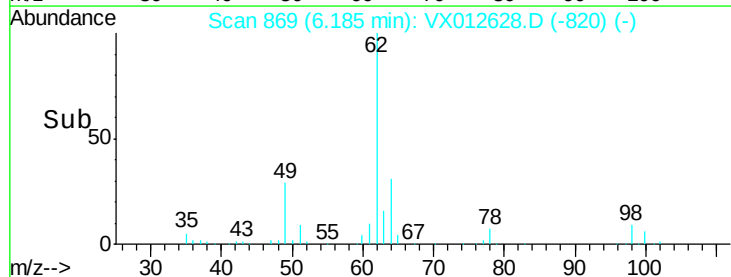
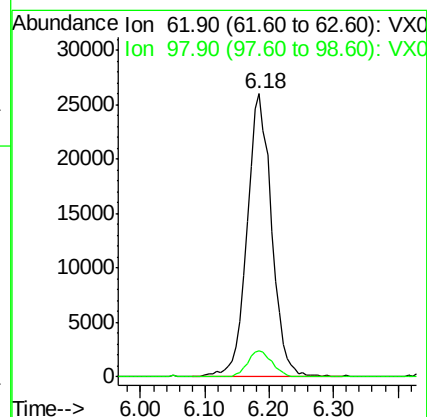
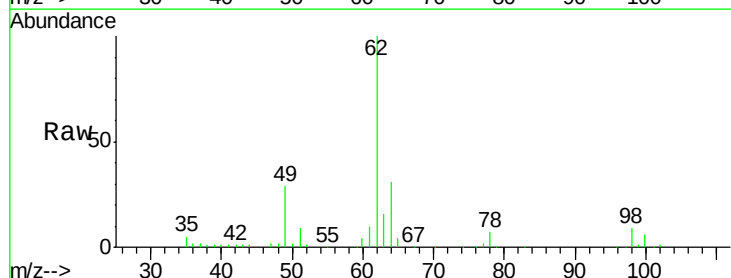
Manual Integrations
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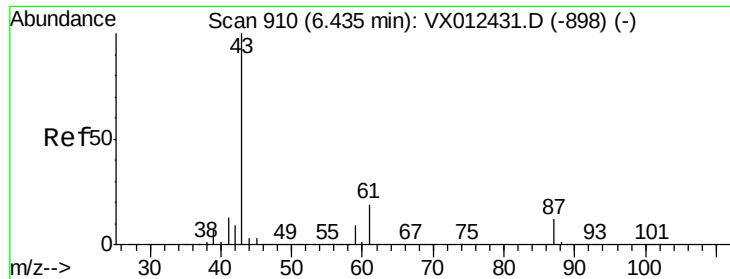
MMDadoda
9/25/2019 9:29:37 AM



#42
1,2-Dichloroethane
Concen: 19.856 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.8	





#43

Isopropyl Acetate

Concen: 18.747 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

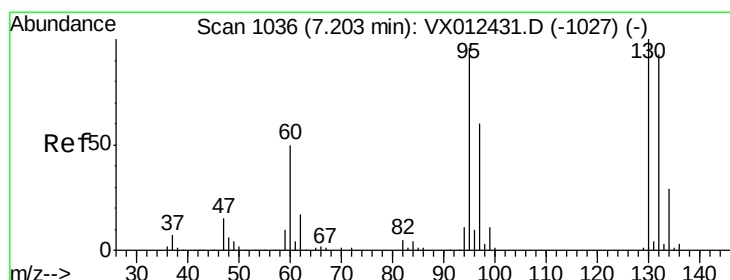
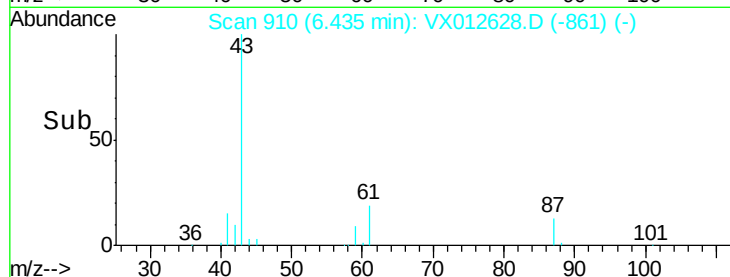
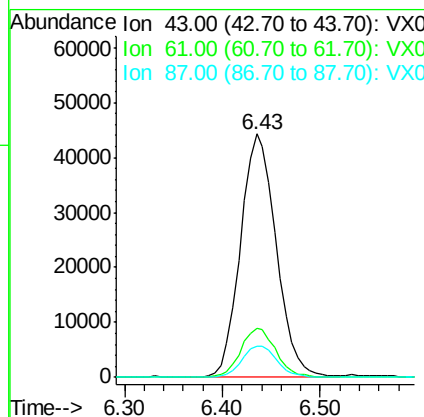
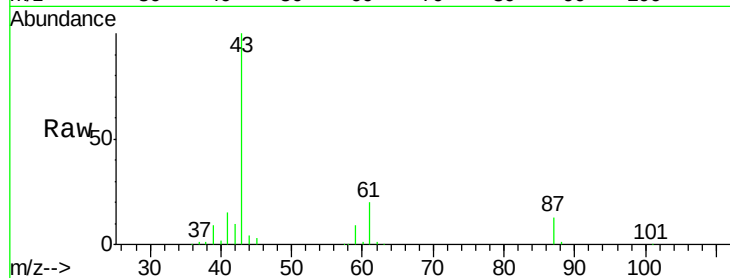
ClientSampleId :

VX0924WBSD01

Tot Ion:	43	Resp:	112012
Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.4	23.0
87	12.7	9.8	14.8

Manual Integrations
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#44

Trichloroethene

Concen: 19.108 ug/l

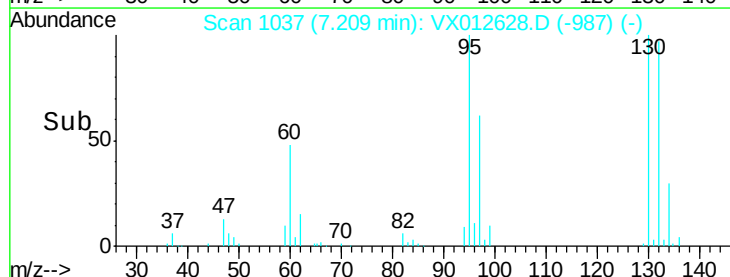
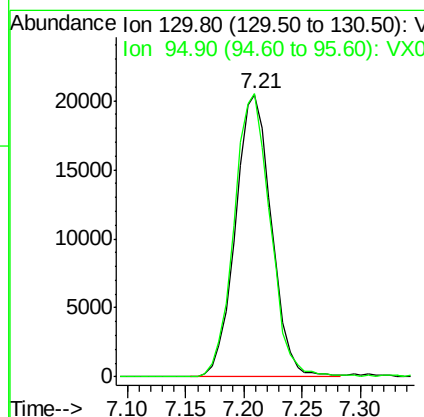
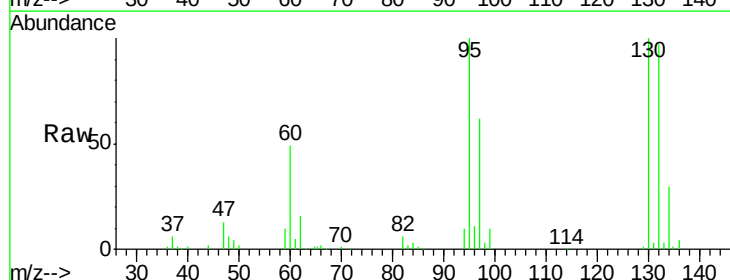
RT: 7.21 min Scan# 1037

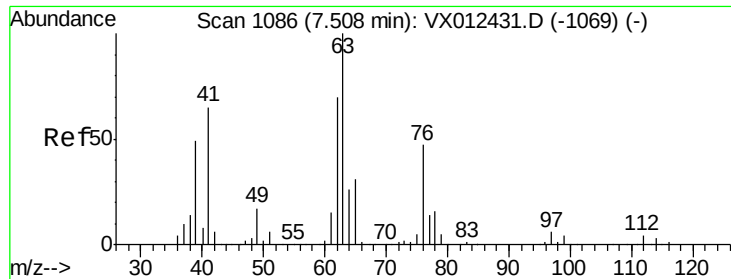
Delta R.T. 0.01 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion:	130	Resp:	43924
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	193.0





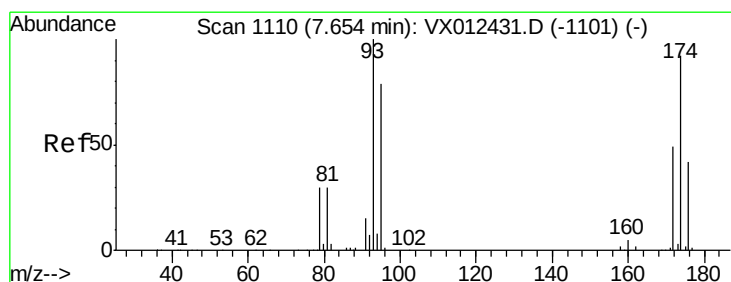
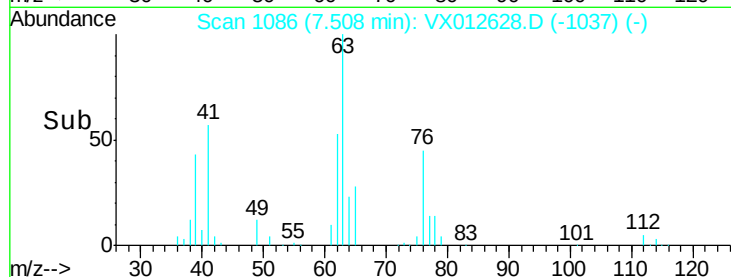
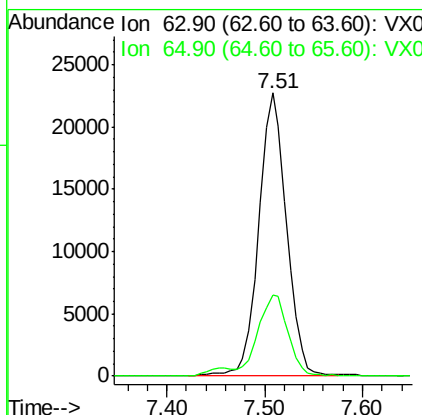
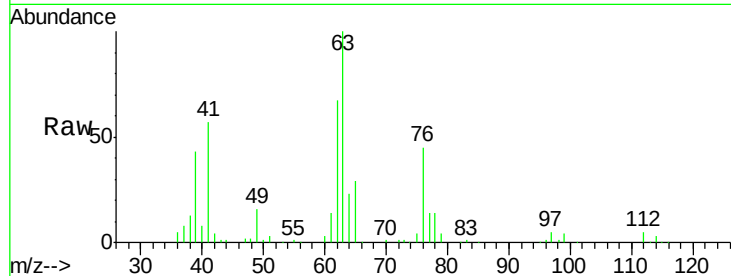
#45
 1,2-Dichloropropane
 Concen: 19.471 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Tot Ion: 63 Resp: 44825
 Ion Ratio Lower Upper
 63 100
 65 28.9 25.0 37.6

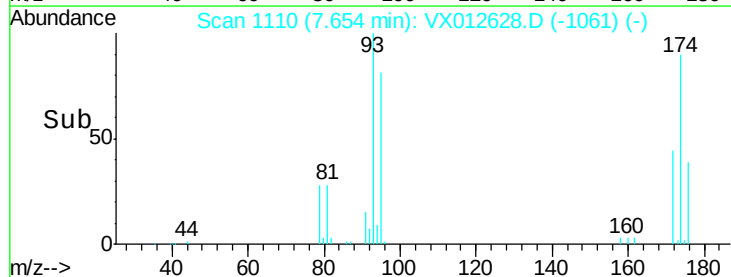
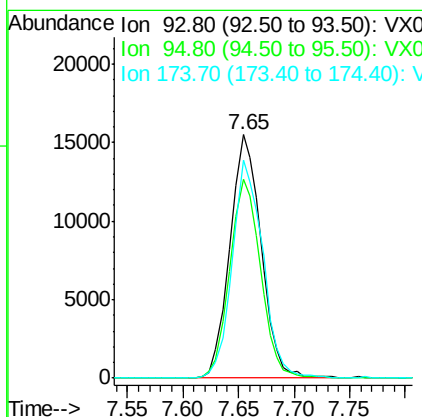
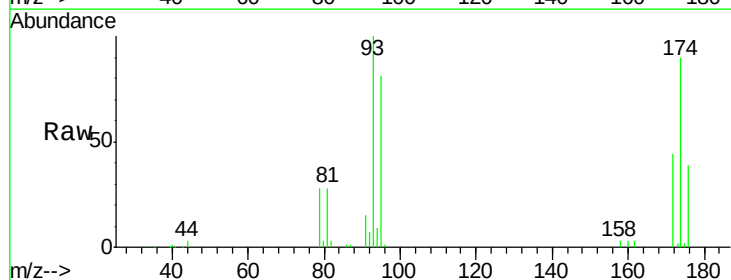
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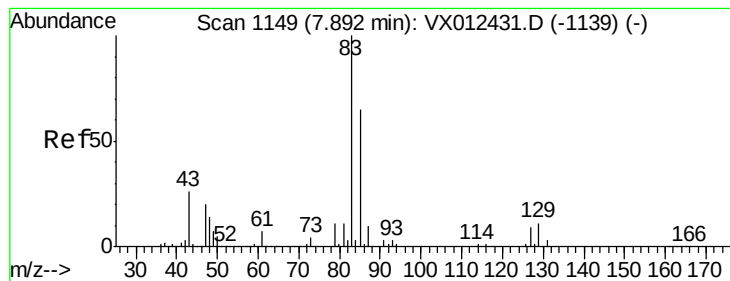
MMDadoda
 9/25/2019 9:29:37 AM



#46
 Dibromomethane
 Concen: 19.263 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion: 93 Resp: 30193
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.6 100.0
 174 87.6 77.4 116.0





#47

Bromodichloromethane

Concen: 18.897 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

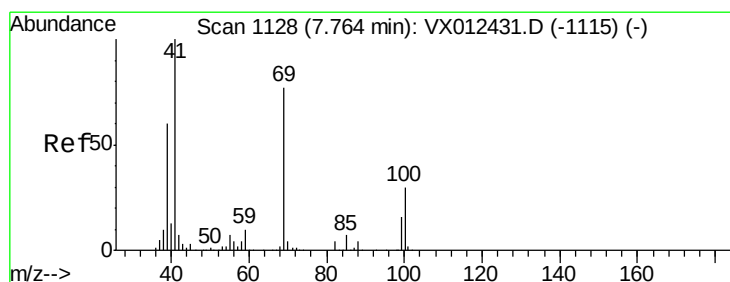
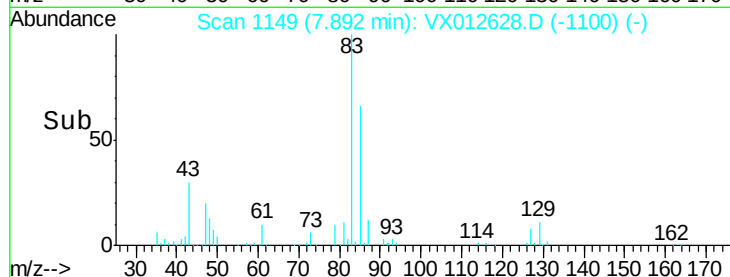
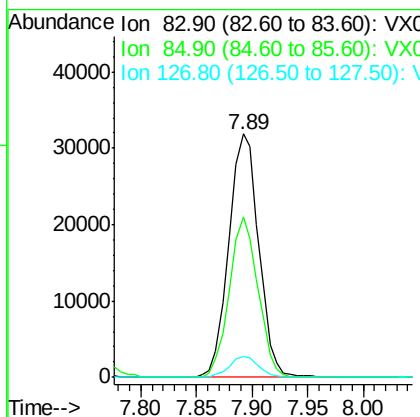
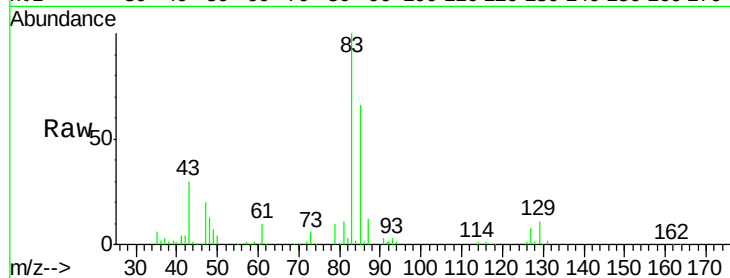
ClientSampleId :

VX0924WBSD01

Tot Ion:	83	Resp:	59197
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.8	77.6
127	8.4	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.137 ug/l

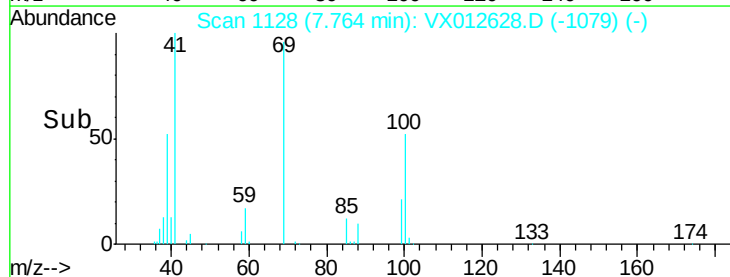
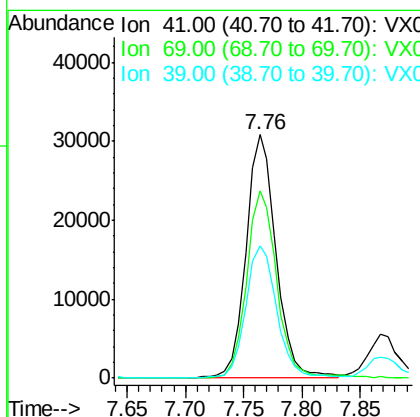
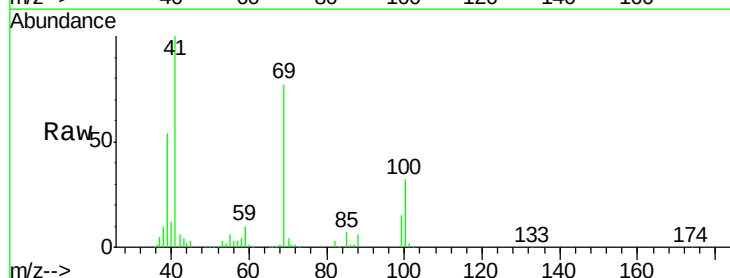
RT: 7.76 min Scan# 1128

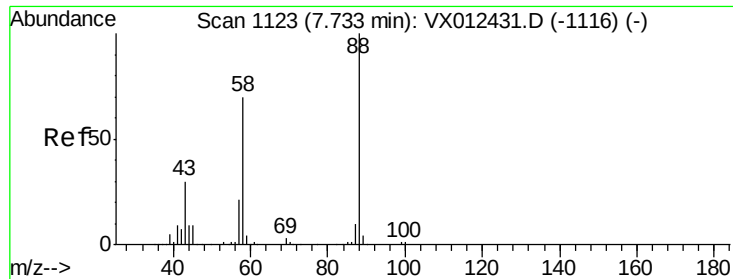
Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion:	41	Resp:	54827
Ion	Ratio	Lower	Upper
41	100		
69	78.9	59.9	89.9
39	57.6	47.8	71.6





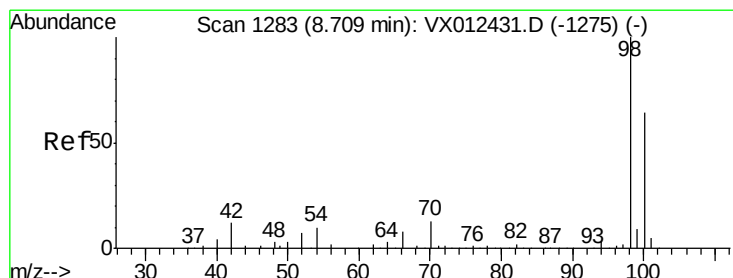
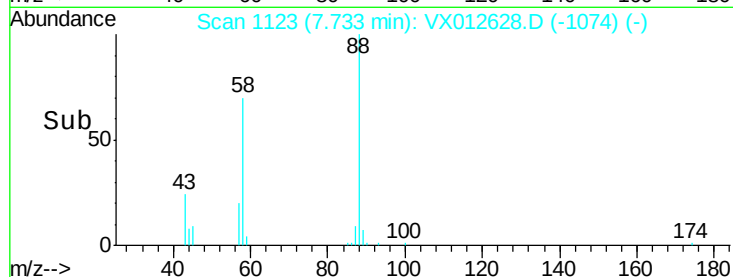
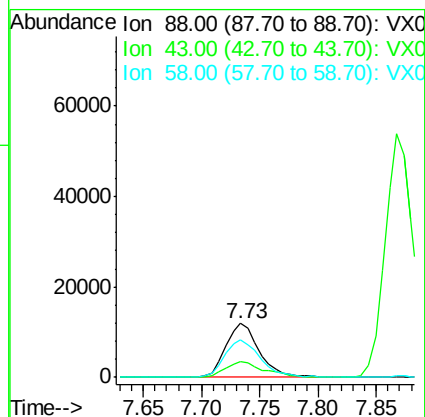
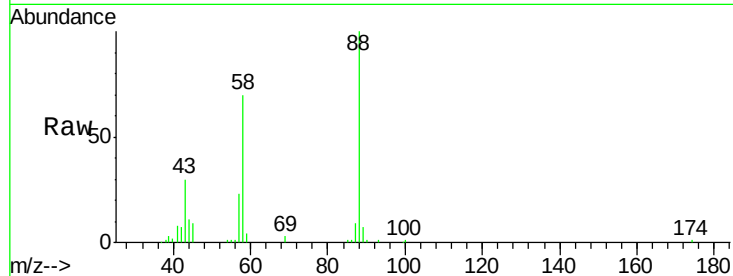
#49
1,4-Dioxane
Concen: 365.453 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampled :
VX0924WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	29.4	44.0
58	74.7	57.5	86.3

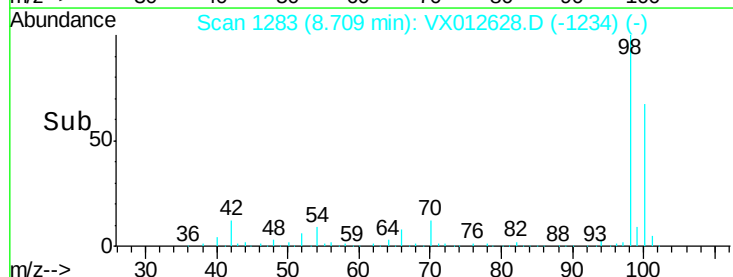
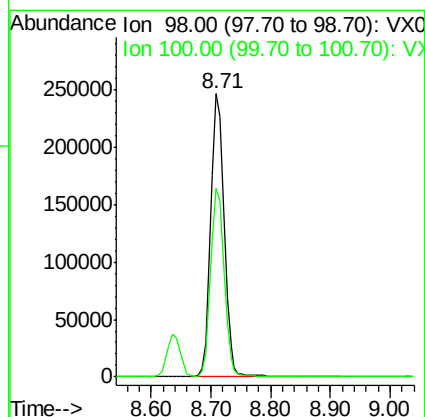
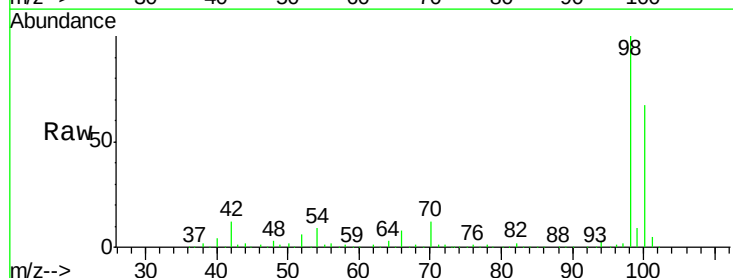
Manual Integrations
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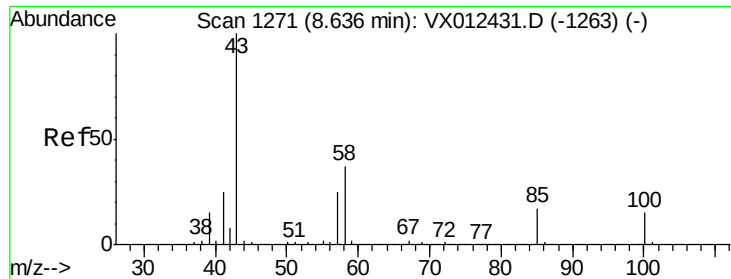
MMDadoda
9/25/2019 9:29:37 AM



#50
Toluene-d8
Concen: 52.366 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 96.184 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 43 Resp: 354750

Ion Ratio Lower Upper

43 100

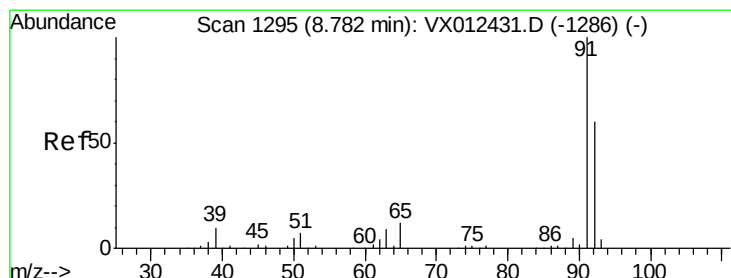
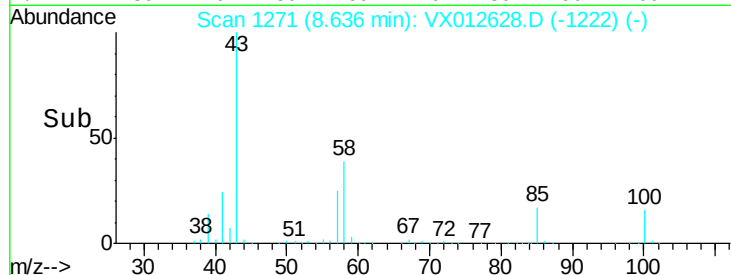
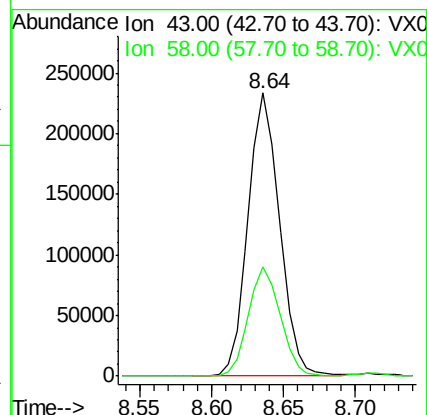
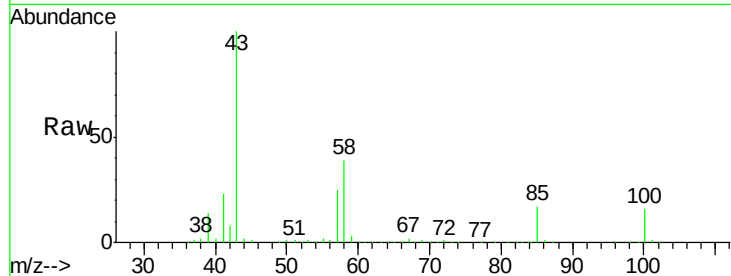
58 39.0 29.8 44.6

Manual Integrations

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9/25/2019 9:29:37 AM



#52

Toluene

Concen: 19.212 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012628.D

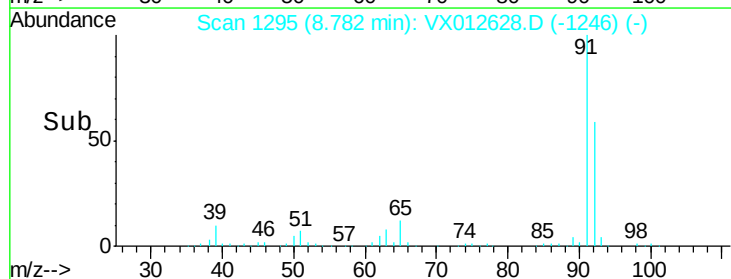
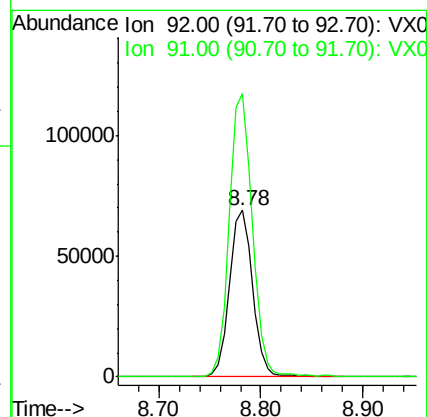
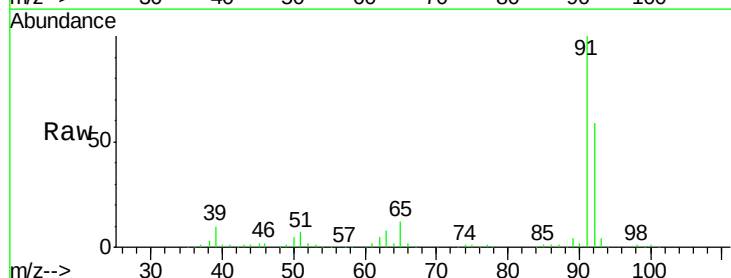
Acq: 24 Sep 2019 13:23

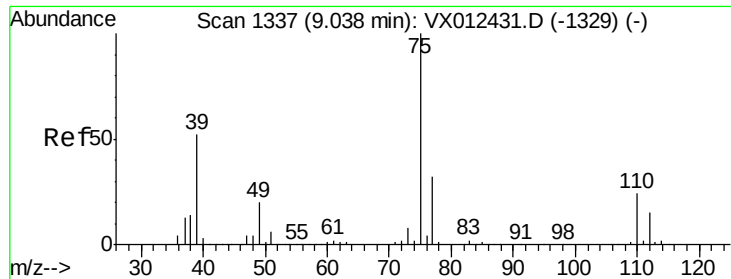
Tgt Ion: 92 Resp: 108575

Ion Ratio Lower Upper

92 100

91 169.7 135.4 203.0





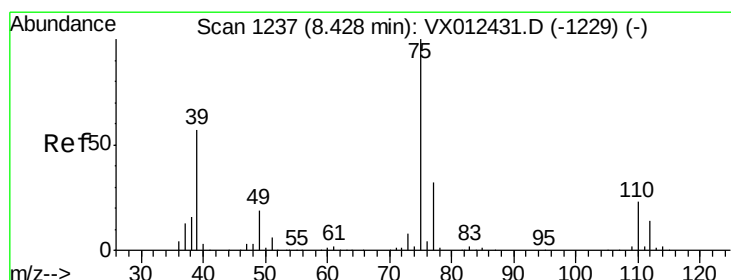
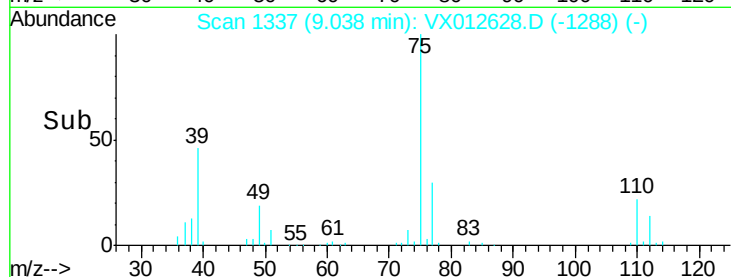
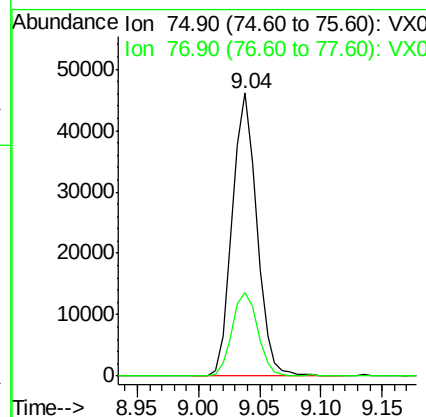
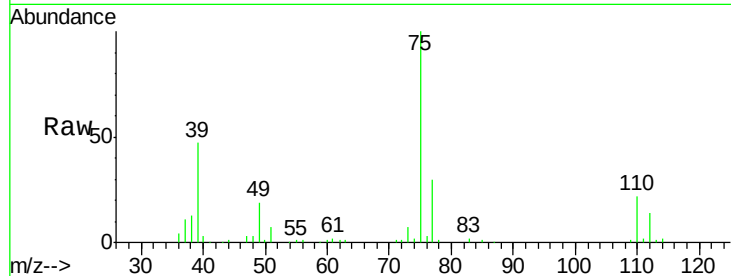
#53
 t-1,3-Dichloropropene
 Concen: 18.502 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Tot Ion: 75 Resp: 64127
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.2 37.8

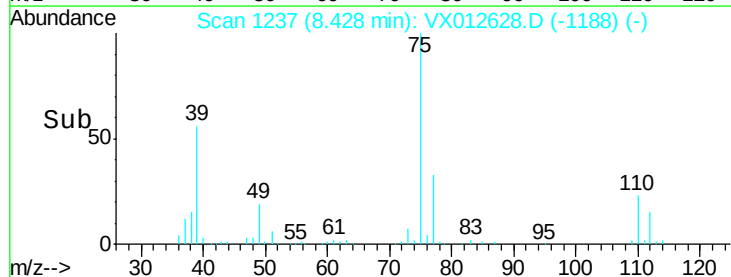
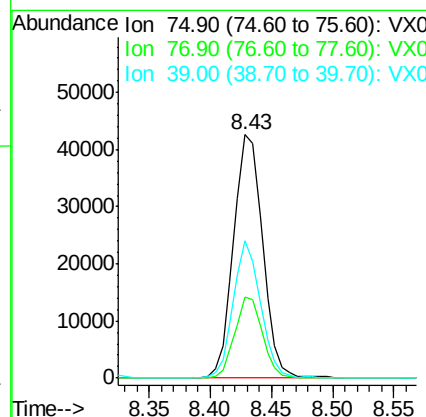
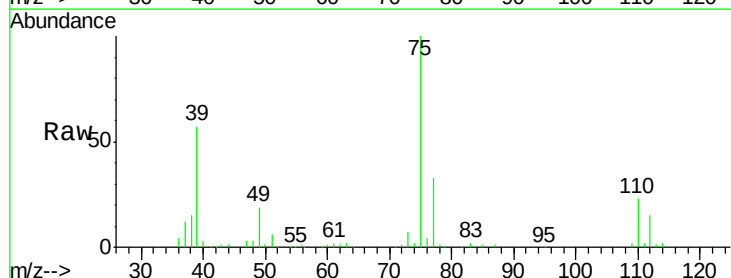
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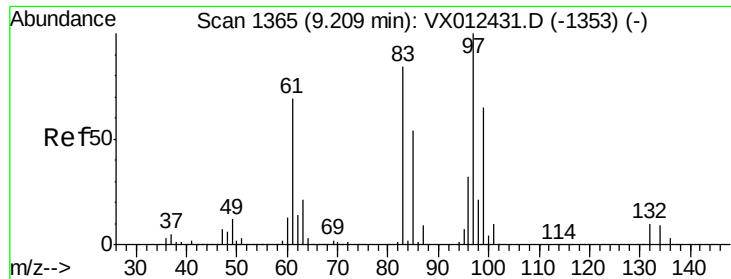
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#54
 cis-1,3-Dichloropropene
 Concen: 18.548 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion: 75 Resp: 70193
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.8 38.8
 39 56.4 45.5 68.3





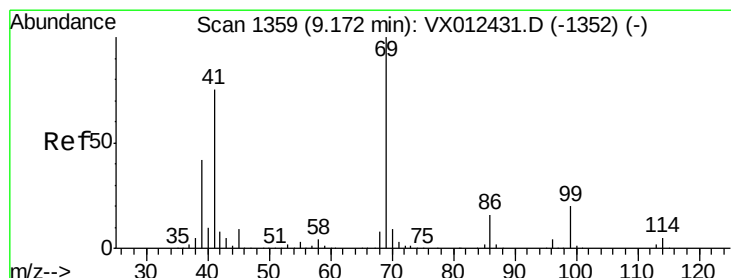
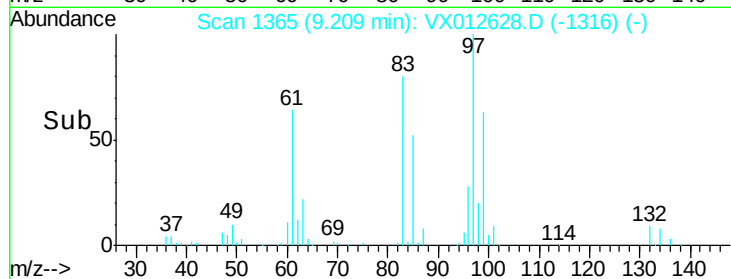
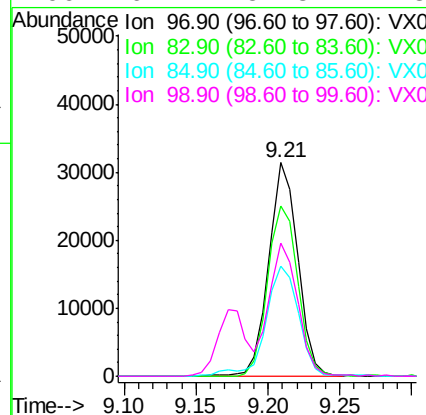
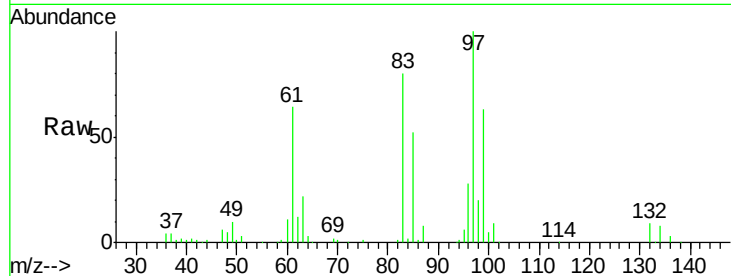
#55
 1,1,2-Trichloroethane
 Concen: 19.579 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Tot Ion:	97	Resp:	43992
Ion	Ratio	Lower	Upper
97	100		
83	79.9	67.4	101.2
85	51.5	43.5	65.3
99	62.2	51.8	77.8

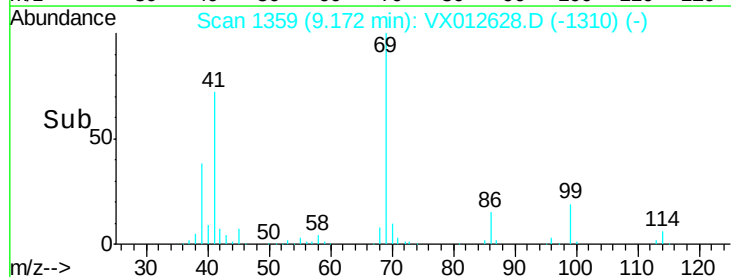
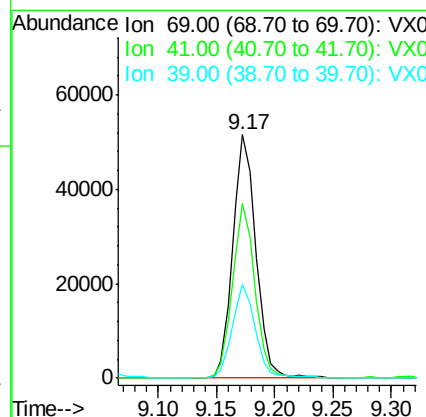
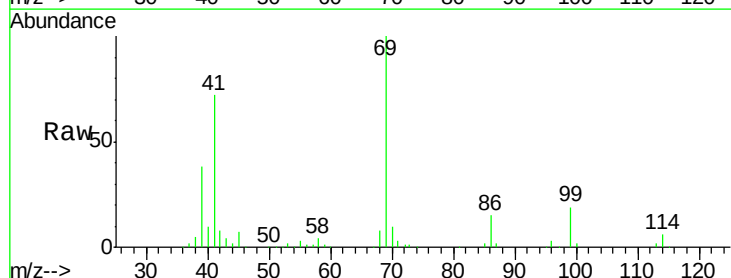
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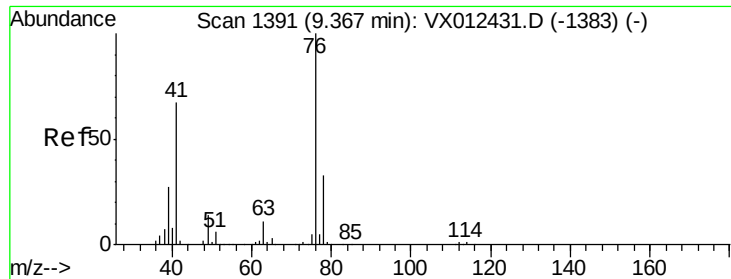
MMDadoda
 9/25/2019 9:29:37 AM



#56
 Ethyl methacrylate
 Concen: 19.009 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion:	69	Resp:	71752
Ion	Ratio	Lower	Upper
69	100		
41	69.4	58.4	87.6
39	37.9	33.4	50.0





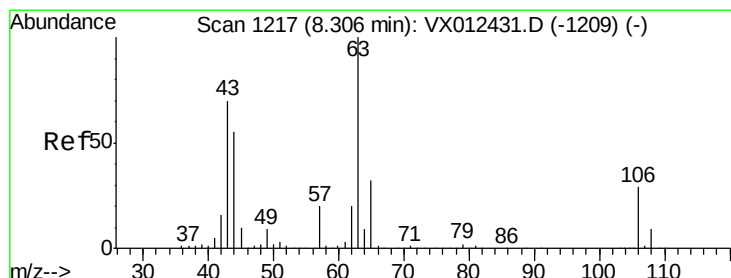
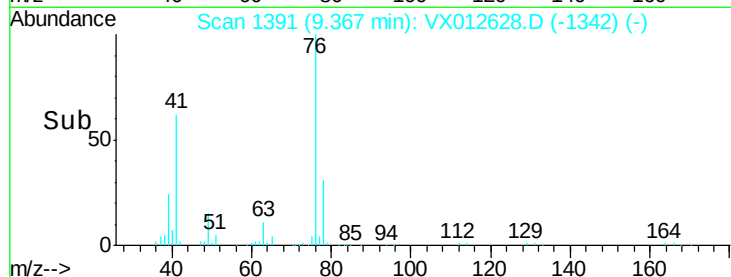
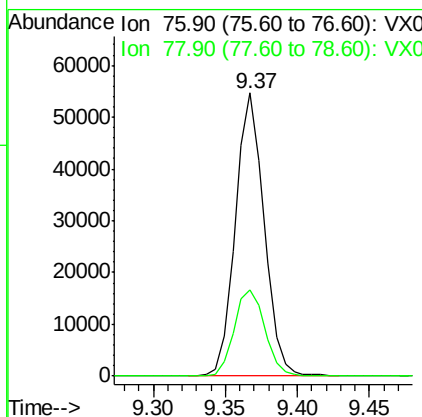
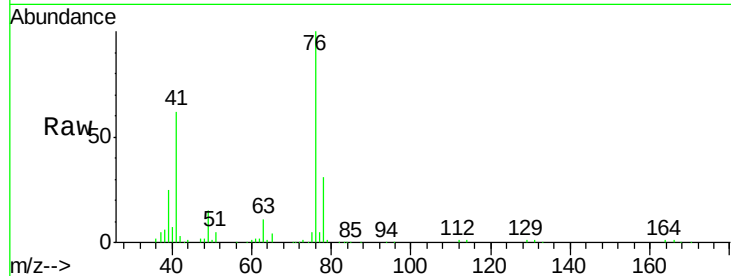
#57
 1,3-Dichloropropane
 Concen: 19.406 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Tot Ion: 76 Resp: 76313
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2

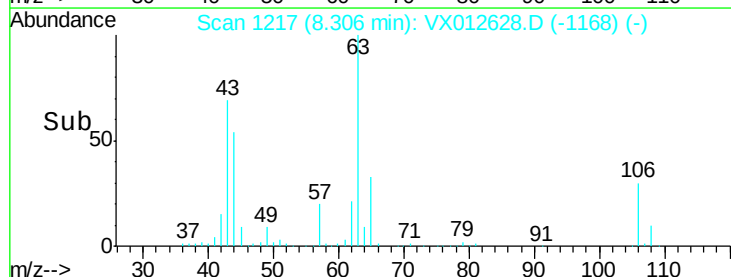
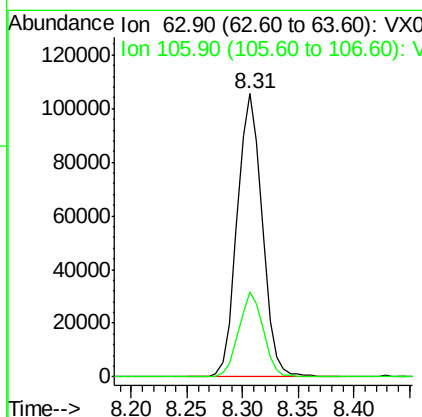
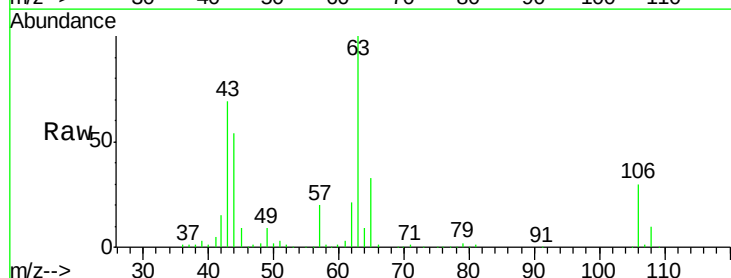
Manual Integrations
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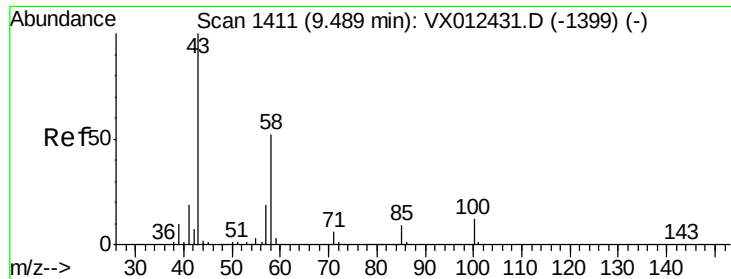
MMDadoda
 9/25/2019 9:29:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.348 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion: 63 Resp: 164944
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.8 35.6





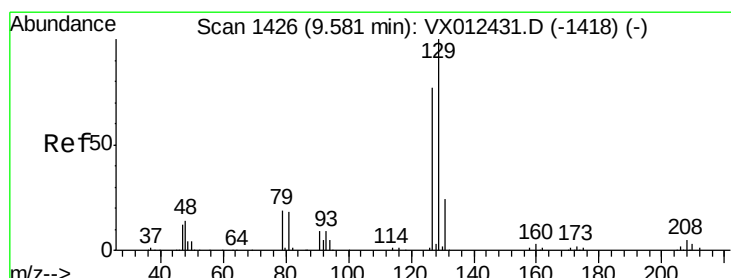
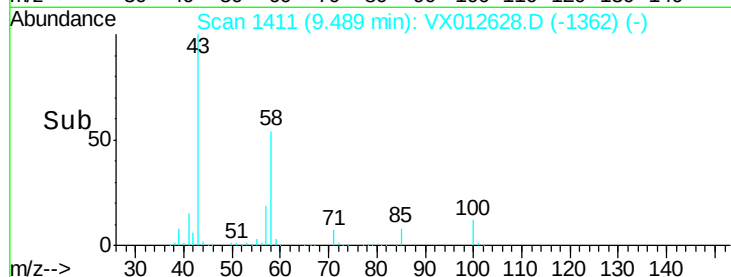
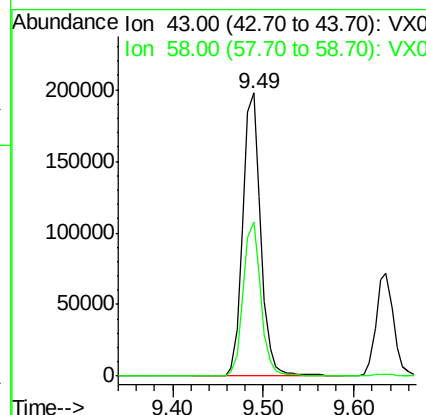
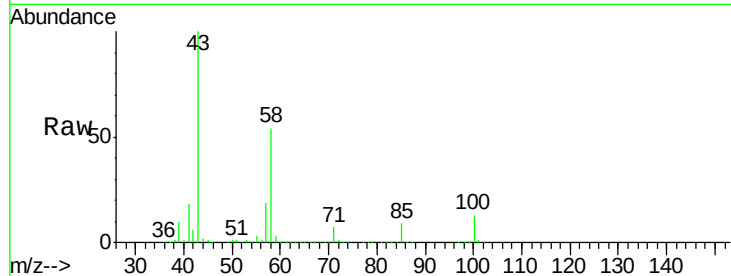
#59
2-Hexanone
Concen: 96.238 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion: 43 Resp: 271691
Ion Ratio Lower Upper
43 100
58 54.1 25.7 77.1

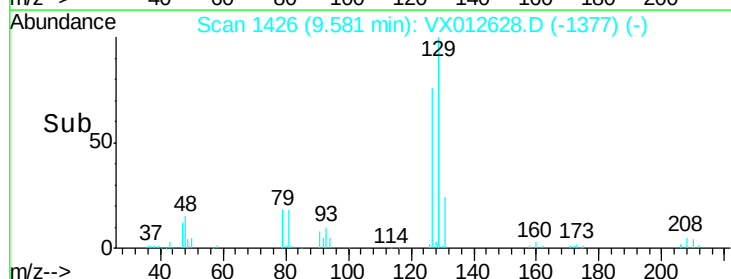
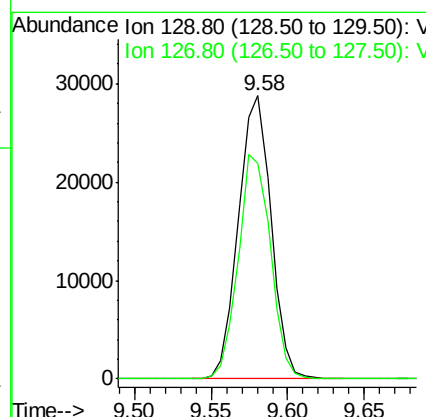
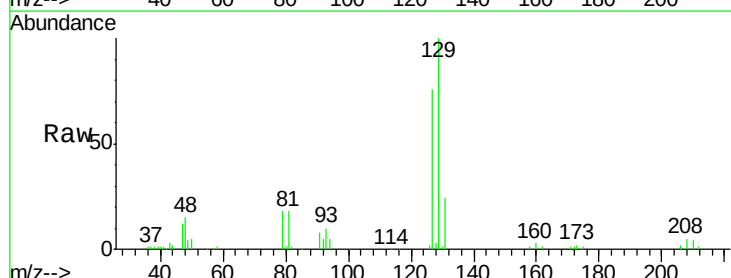
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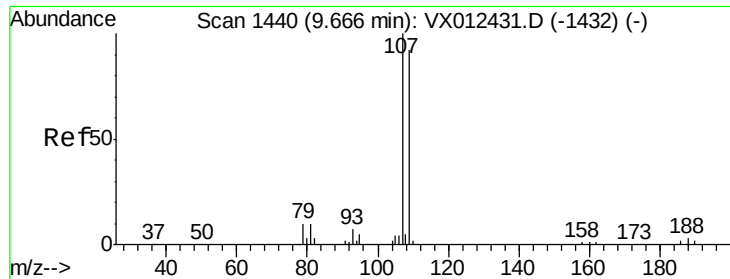
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#60
Dibromochloromethane
Concen: 18.725 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion: 129 Resp: 42589
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.761 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 107 Resp: 46208

Ion Ratio Lower Upper

107 100

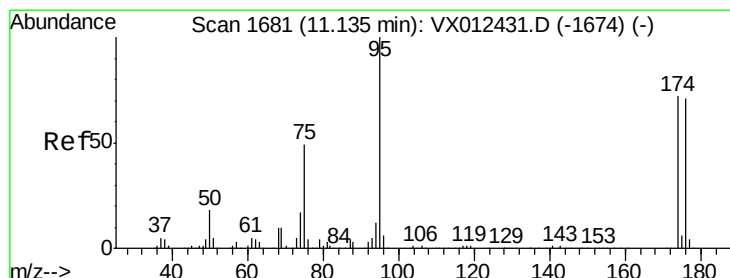
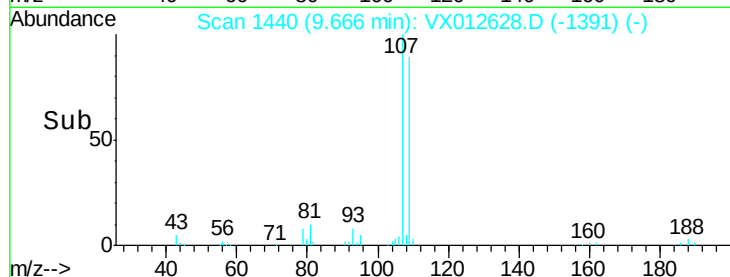
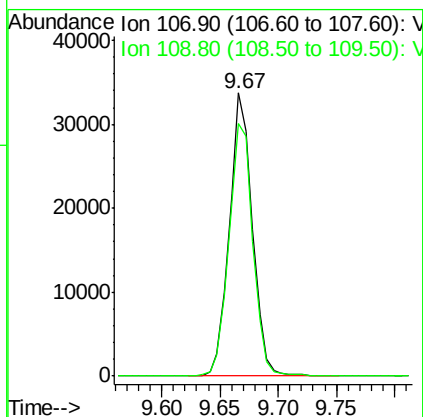
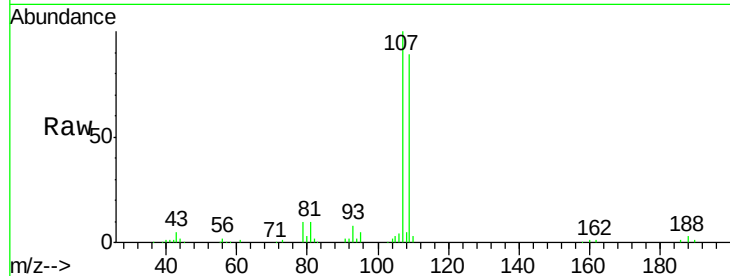
109 93.5 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 50.377 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

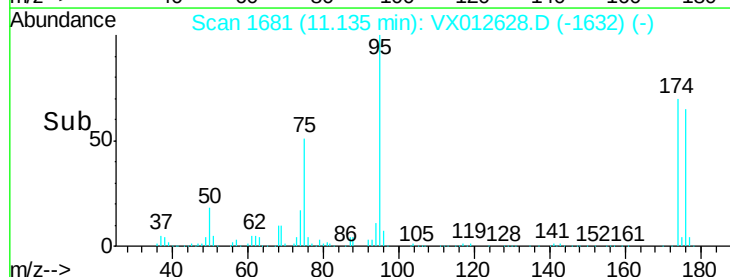
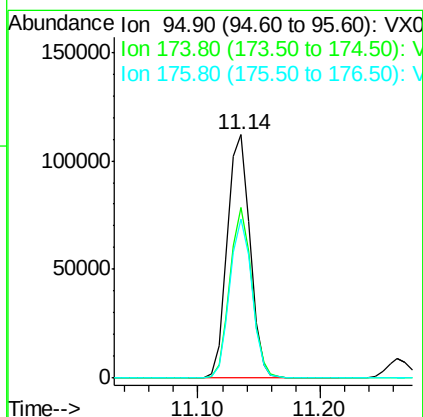
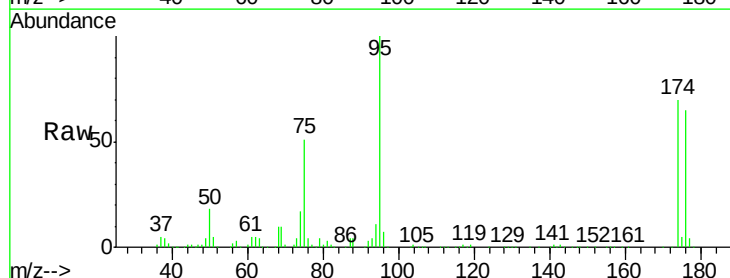
Tgt Ion: 95 Resp: 144039

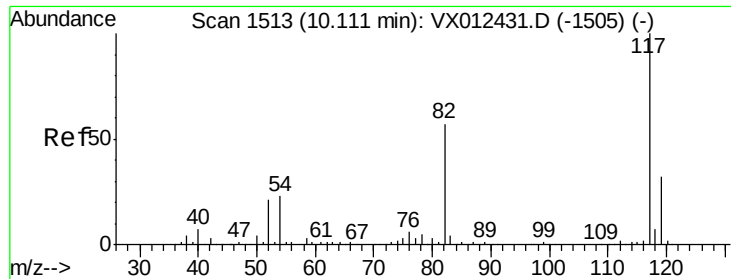
Ion Ratio Lower Upper

95 100

174 67.3 0.0 140.0

176 63.7 0.0 135.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

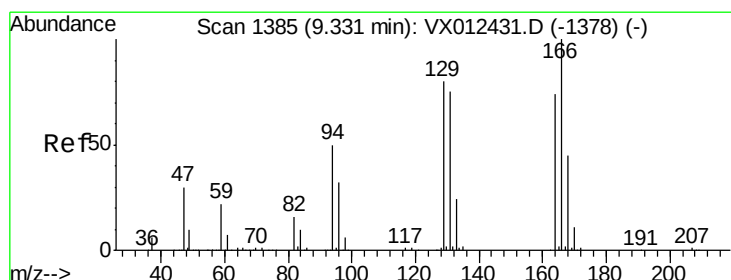
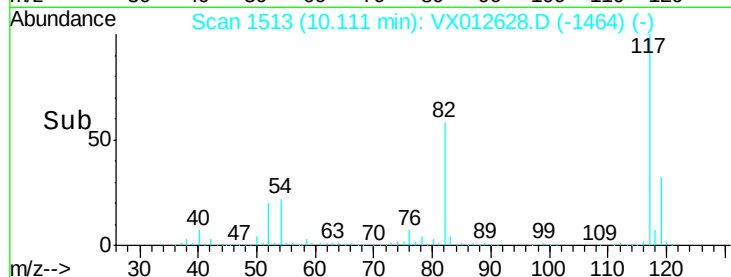
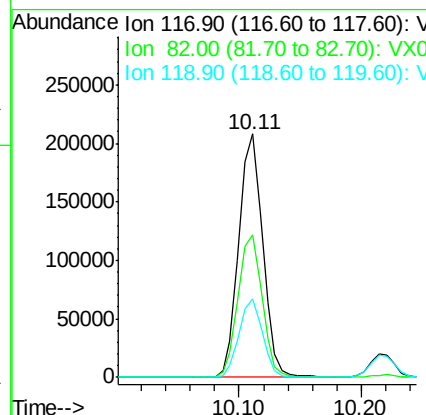
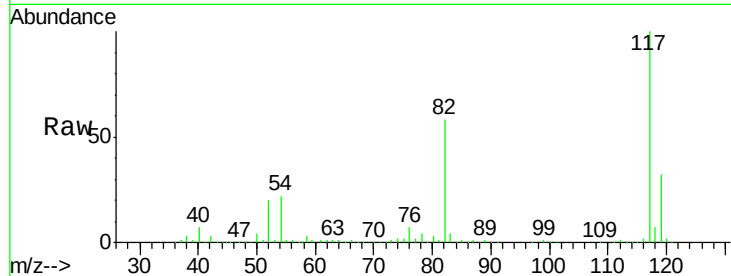
ClientSampleId :

VX0924WBSD01

Tot Ion:	117	Resp:	281791
Ion Ratio	Lower	Upper	
117	100		
82	58.4	45.9	68.9
119	32.1	25.3	37.9

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#64

Tetrachloroethene

Concen: 20.631 ug/l

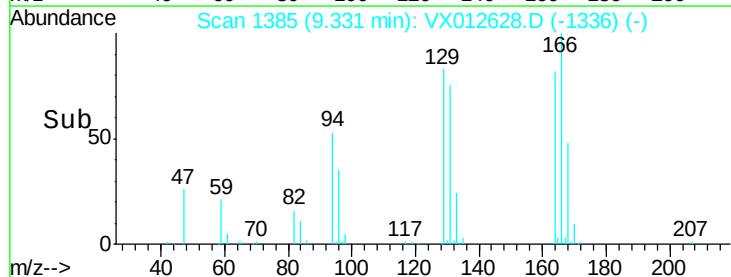
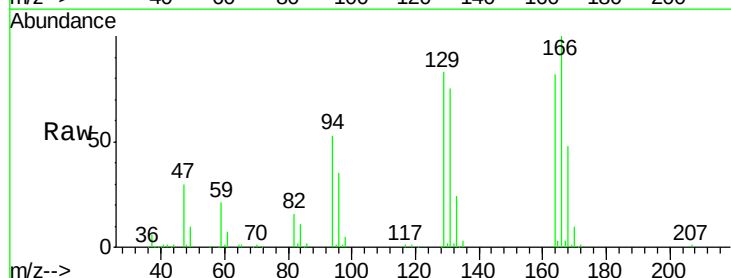
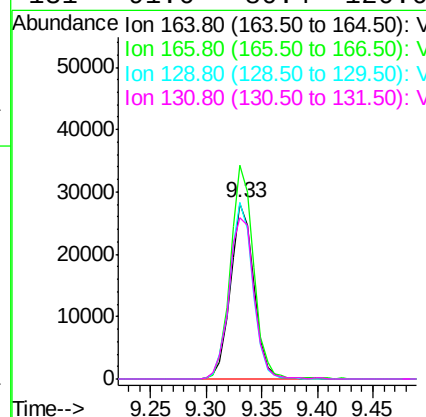
RT: 9.33 min Scan# 1385

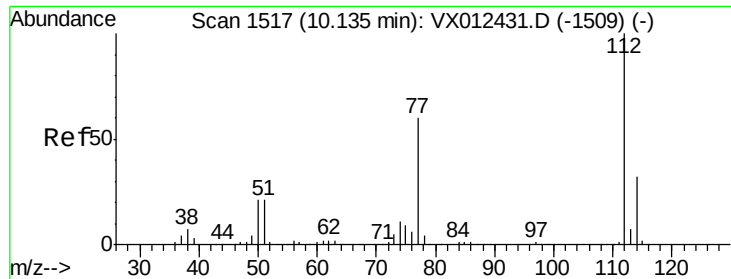
Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion:	164	Resp:	40533
Ion Ratio	Lower	Upper	
164	100		
166	121.6	107.8	161.6
129	100.5	86.2	129.2
131	91.6	80.4	120.6





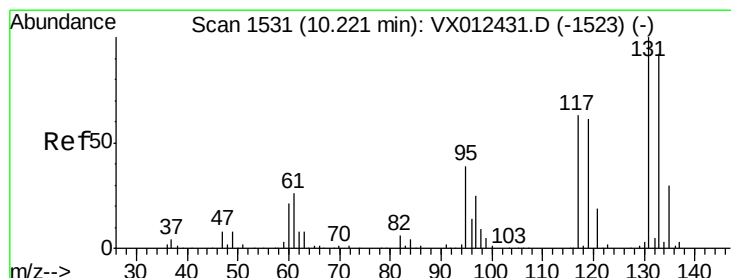
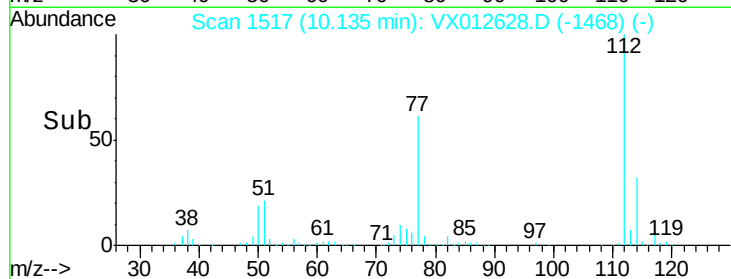
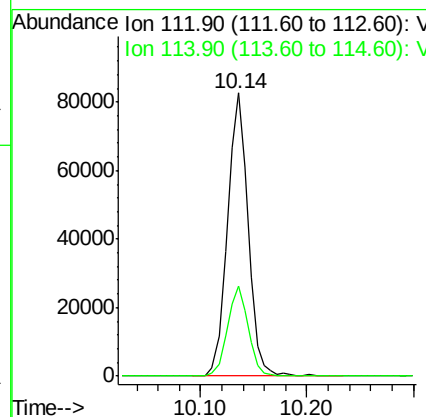
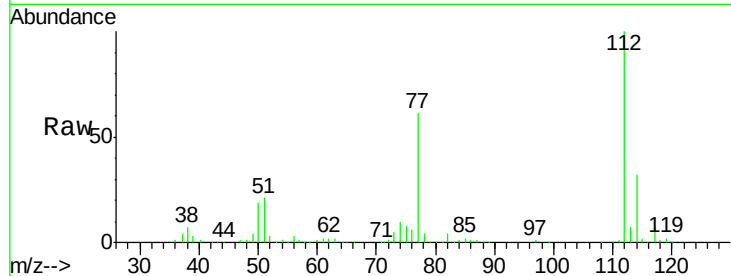
#65
Chlorobenzene
Concen: 18.870 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion:112 Resp: 111972
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

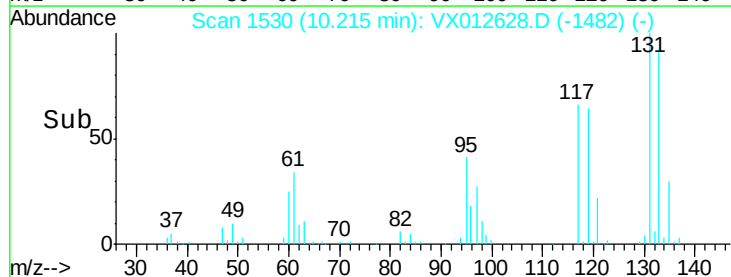
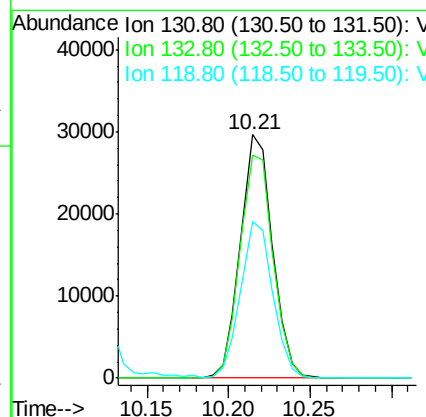
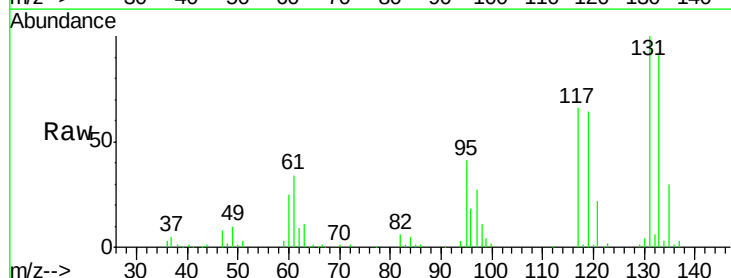
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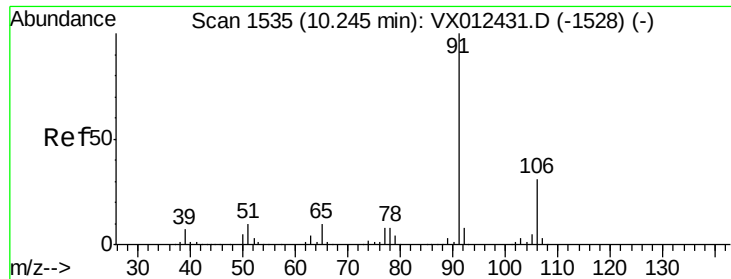
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.942 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion:131 Resp: 40725
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 65.2 31.3 93.8





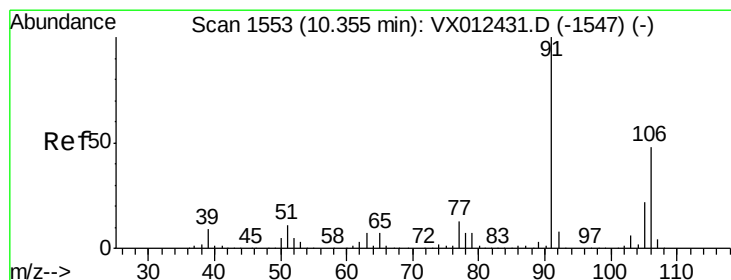
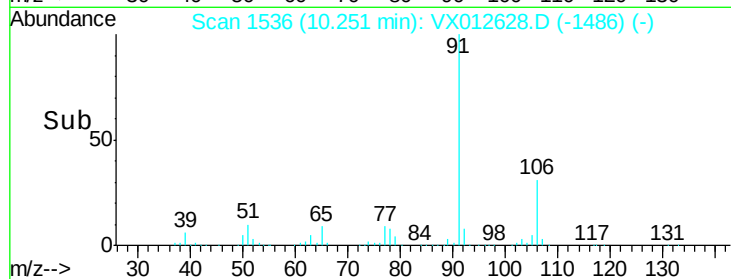
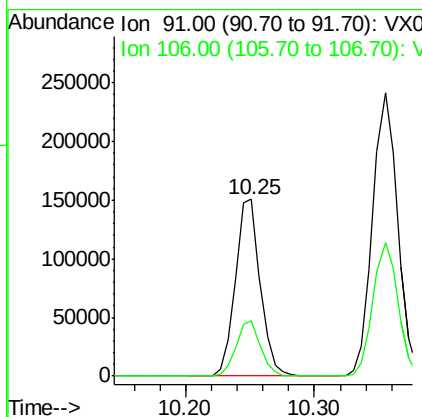
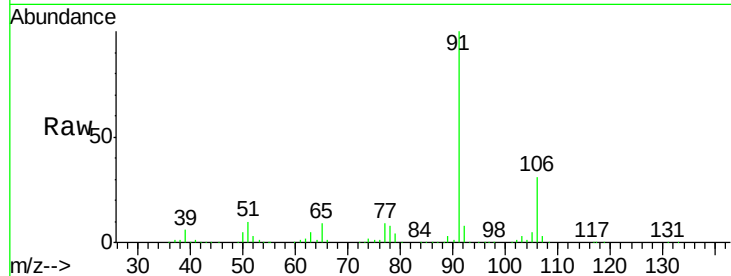
#67
Ethyl Benzene
Concen: 18.937 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion: 91 Resp: 203809
Ion Ratio Lower Upper
91 100
106 31.4 24.6 37.0

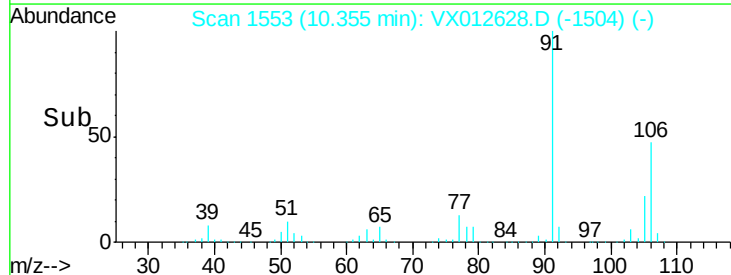
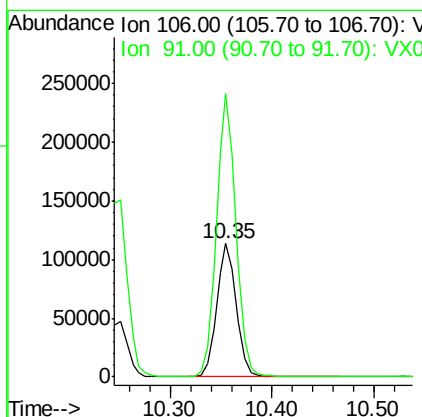
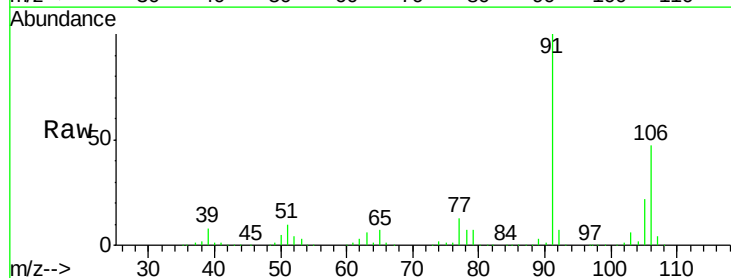
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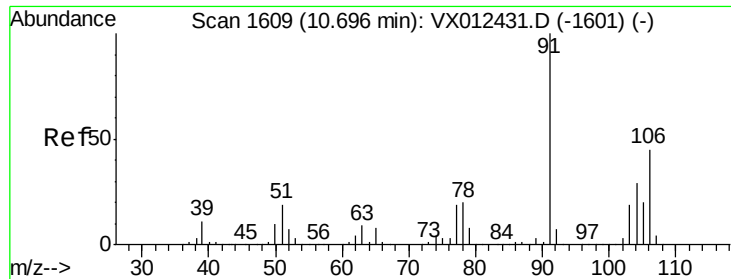
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#68
m/p-Xylenes
Concen: 38.077 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion: 106 Resp: 153514
Ion Ratio Lower Upper
106 100
91 210.6 166.6 250.0





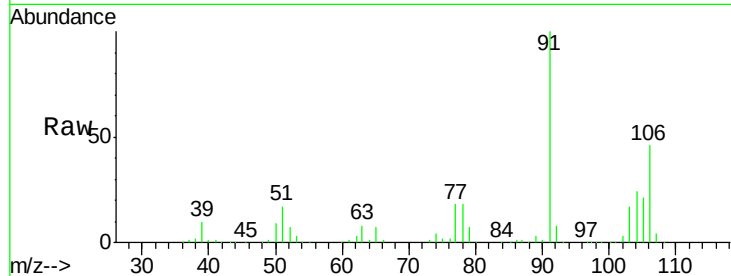
#69
o-Xylene
Concen: 19.103 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

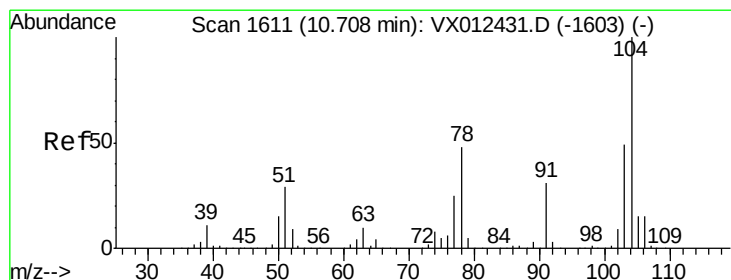
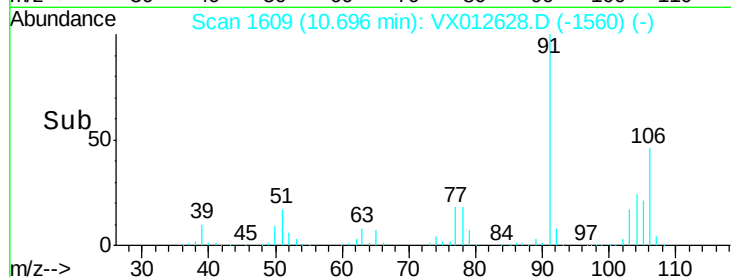
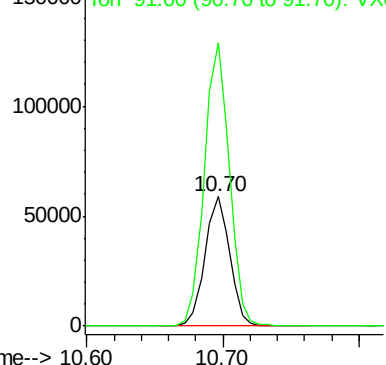
Tot Ion:106 Resp: 74524
Ion Ratio Lower Upper
106 100
91 221.8 109.4 328.2

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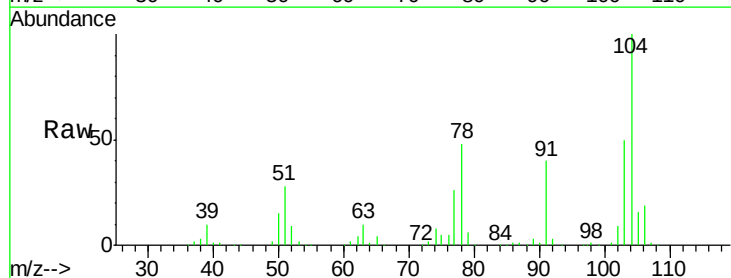


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

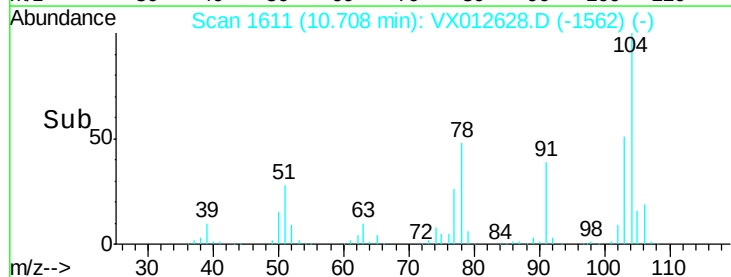
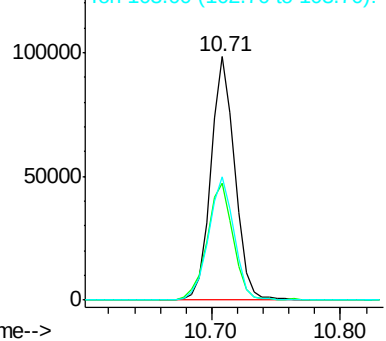


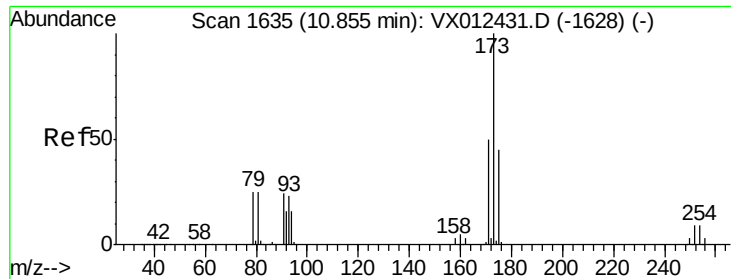
#70
Styrene
Concen: 19.227 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion:104 Resp: 125743
Ion Ratio Lower Upper
104 100
78 52.7 43.4 65.2
103 54.2 43.3 64.9



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





#71

Bromoform

Concen: 18.138 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion:173 Resp: 27153

Ion Ratio Lower Upper

173 100

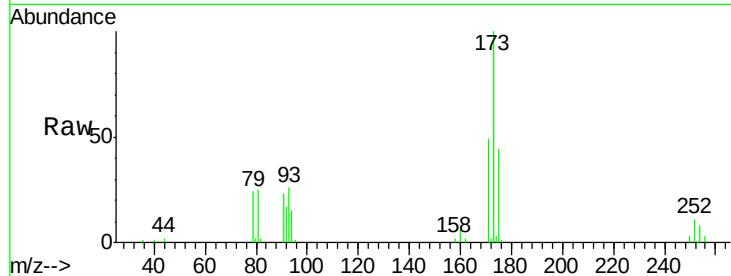
175 49.4 23.7 71.1

254 0.0 0.1 0.1#

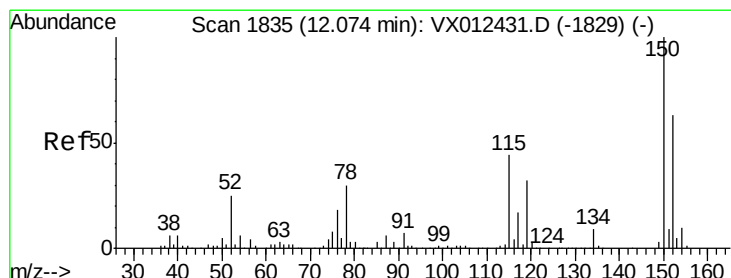
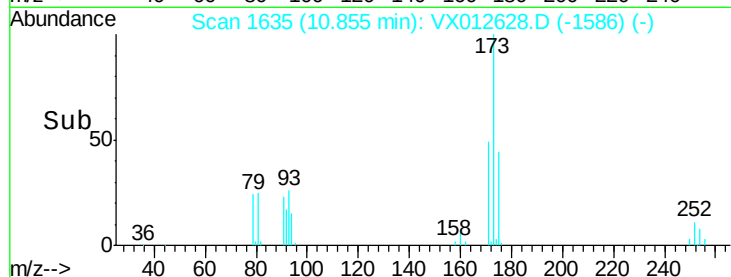
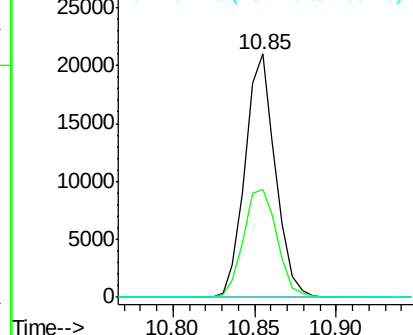
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

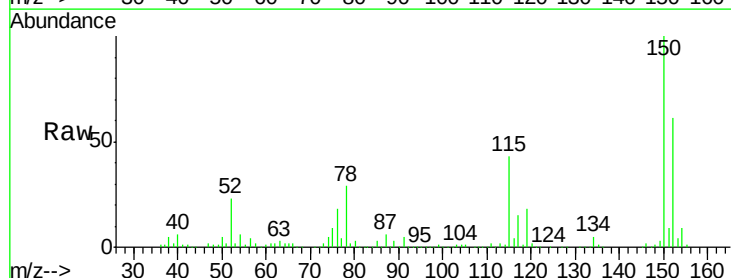
Tgt Ion:152 Resp: 124371

Ion Ratio Lower Upper

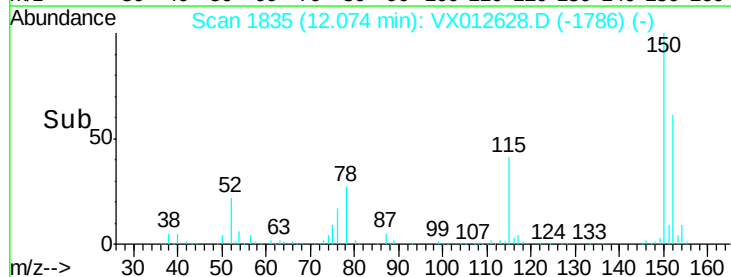
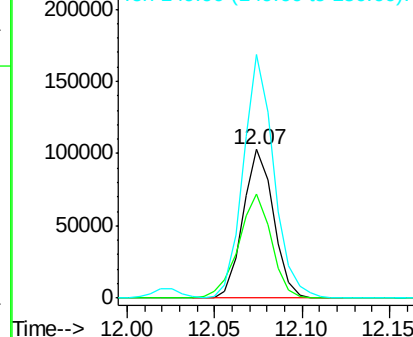
152 100

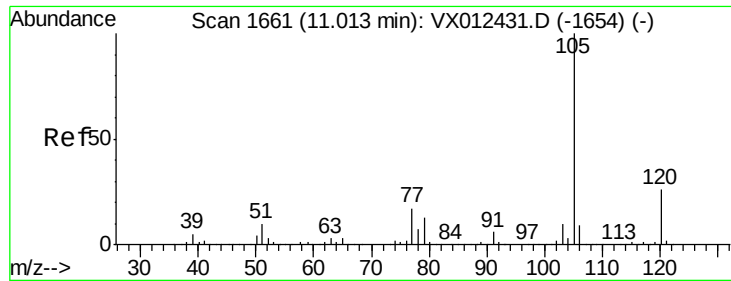
115 75.5 44.1 132.3

150 164.3 0.0 343.8



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: 19.783 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion:105 Resp: 200393

Ion Ratio Lower Upper

105 100

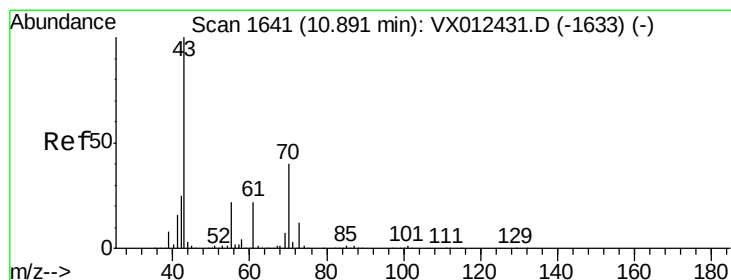
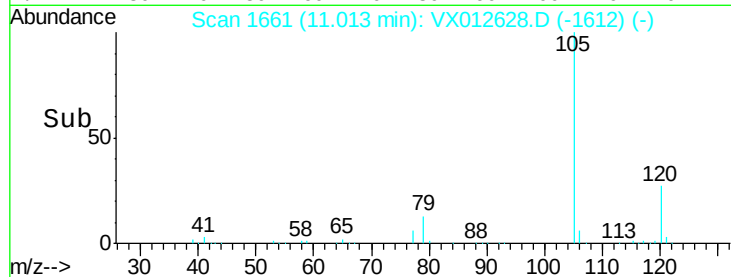
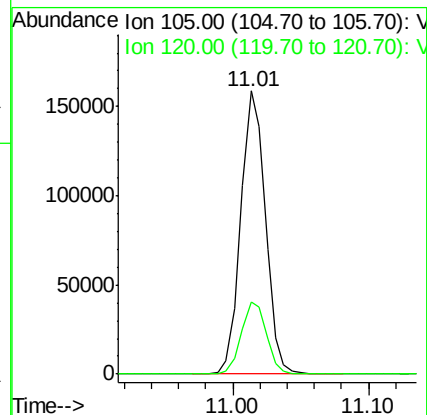
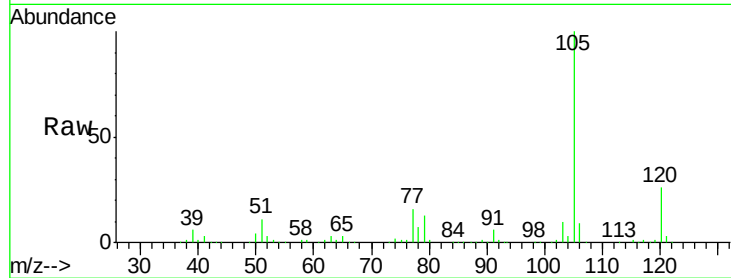
120 26.0 12.9 38.7

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#74

N-ethyl acetate

Concen: 18.935 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion: 43 Resp: 91505

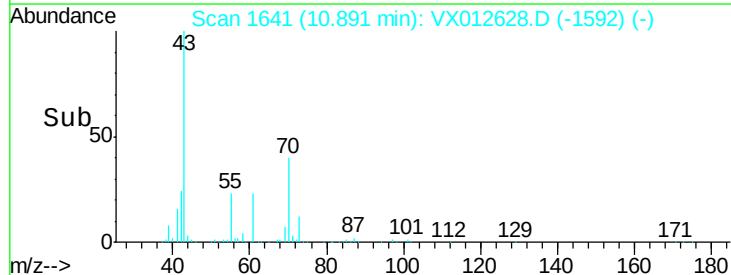
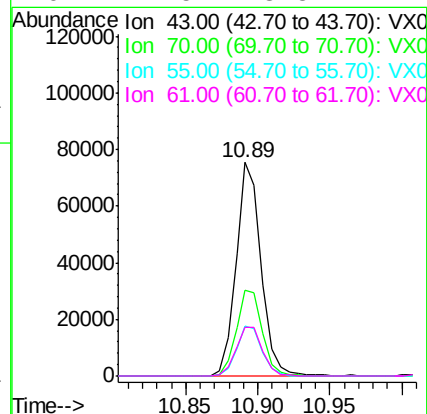
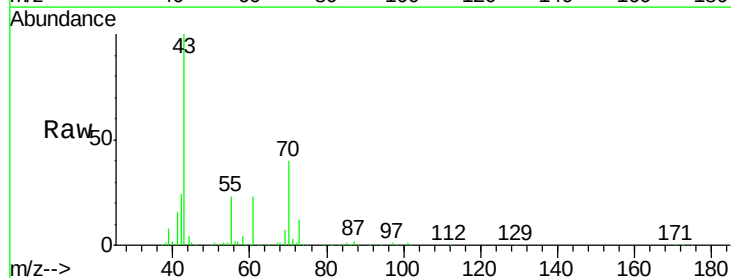
Ion Ratio Lower Upper

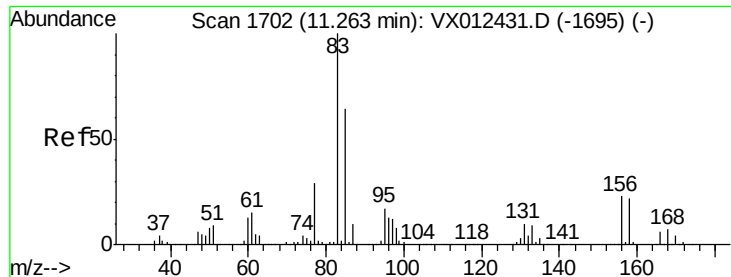
43 100

70 42.1 32.4 48.6

55 23.9 18.2 27.4

61 24.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.592 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

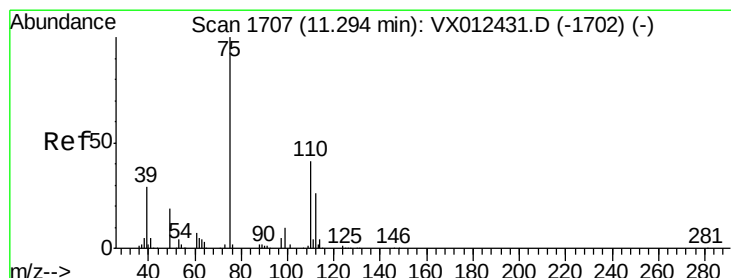
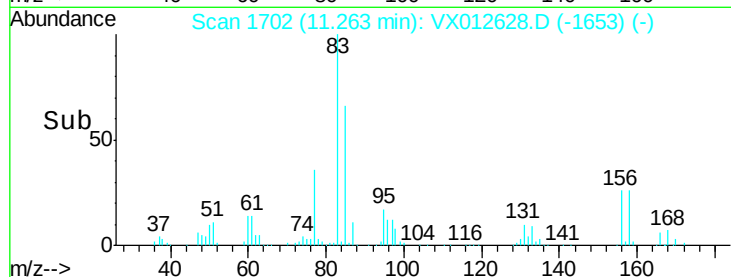
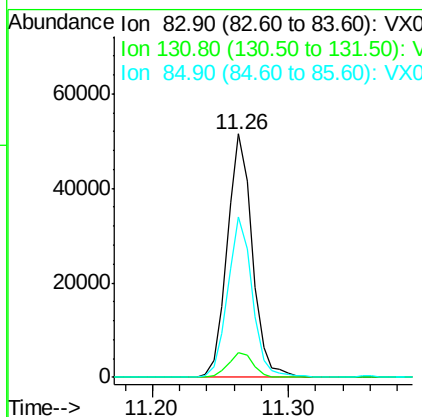
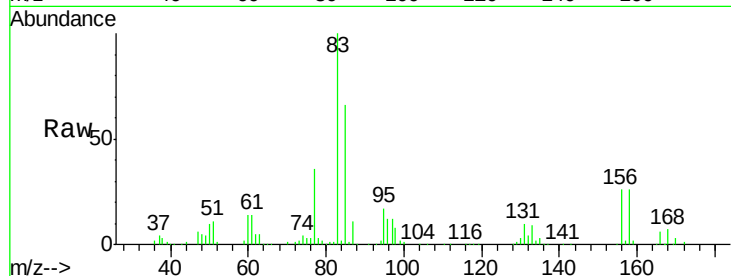
ClientSampleId :

VX0924WBSD01

Tot Ion:	83	Resp:	65726
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	64.8	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 19.464 ug/l m

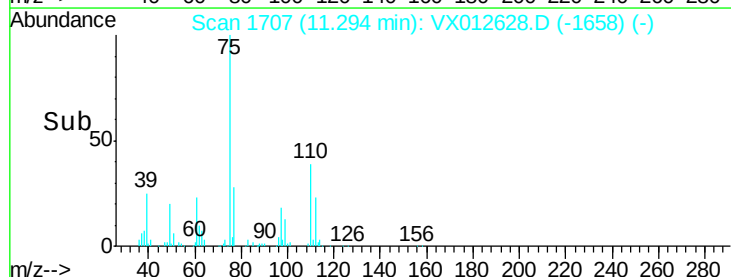
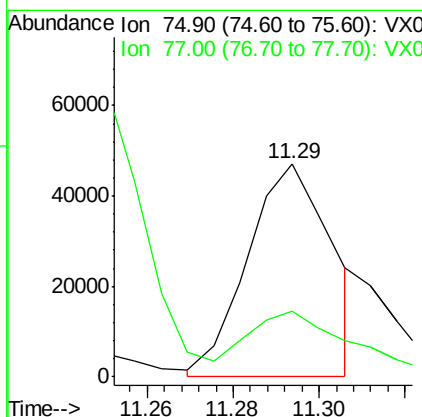
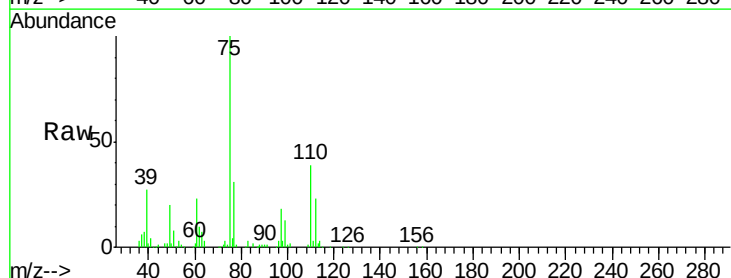
RT: 11.29 min Scan# 1707

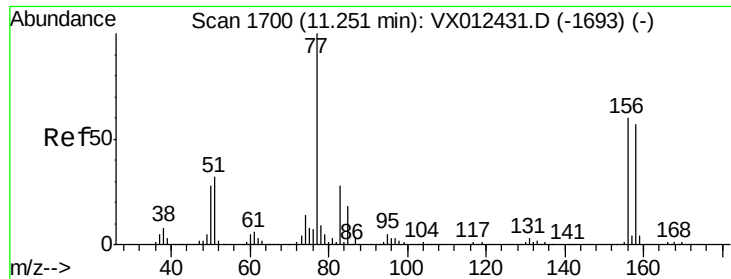
Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion:	75	Resp:	64036
Ion	Ratio	Lower	Upper
75	100		
77	37.8	19.7	59.0





#77

Bromobenzene

Concen: 20.215 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

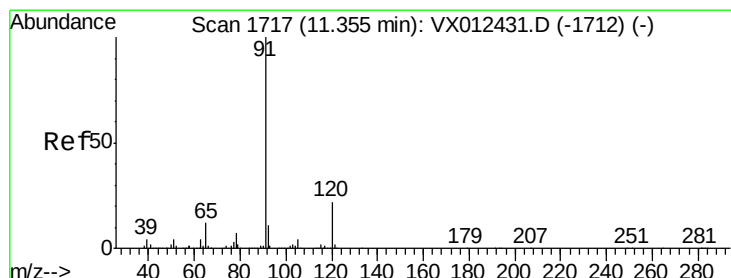
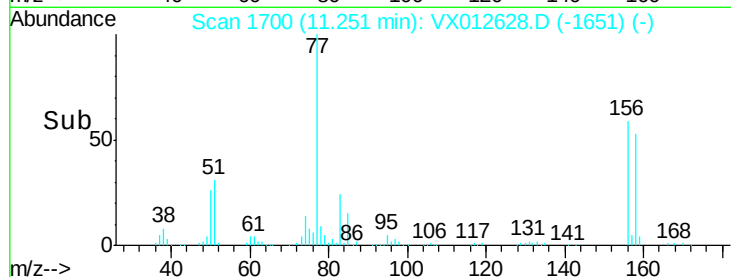
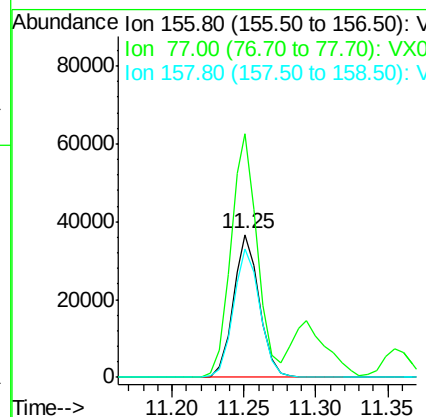
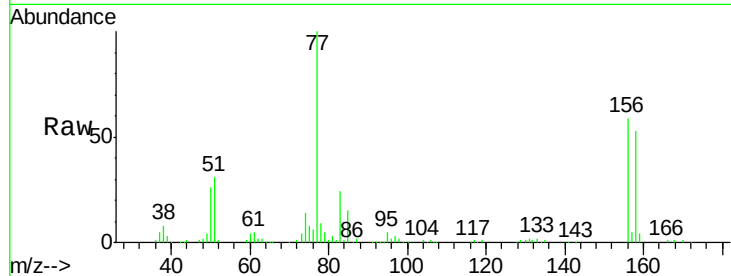
ClientSampleId :

VX0924WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	174.4	87.3	261.8
158	92.1	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.454 ug/l

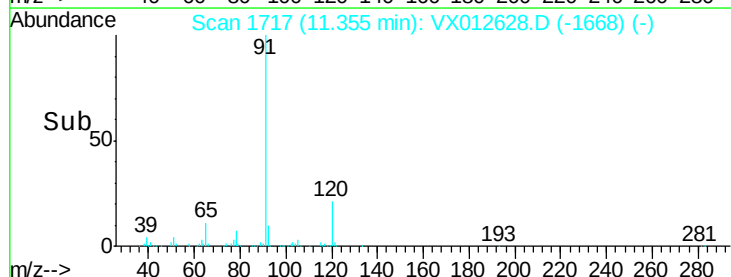
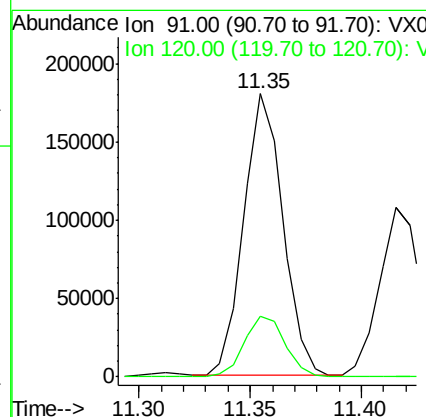
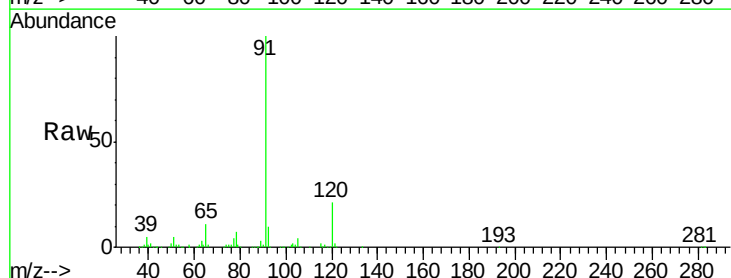
RT: 11.35 min Scan# 1717

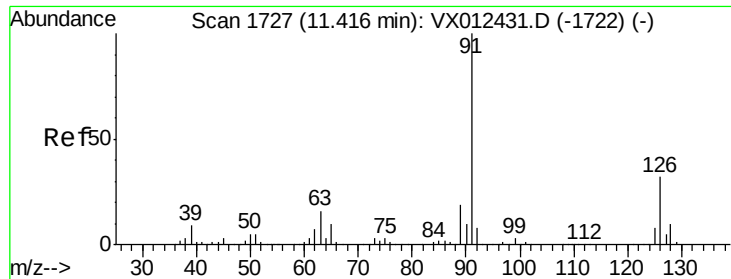
Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 19.313 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 91 Resp: 137393

Ion Ratio Lower Upper

91 100

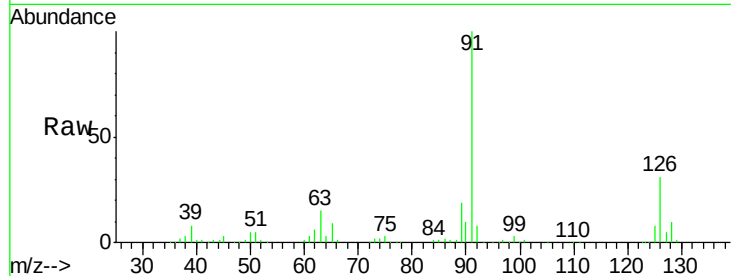
126 31.2 16.4 49.4

Manual Integrations

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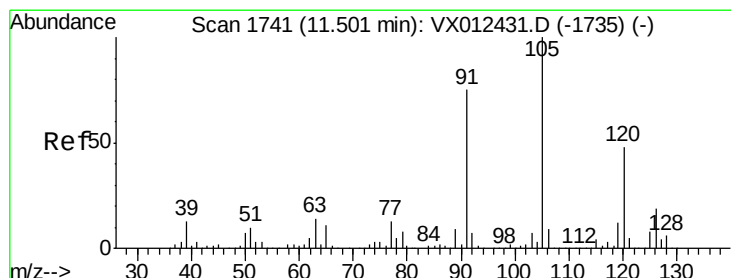
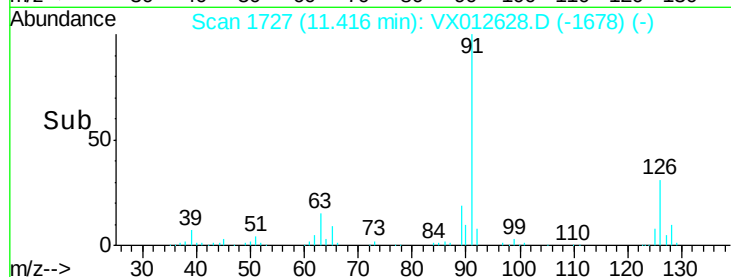
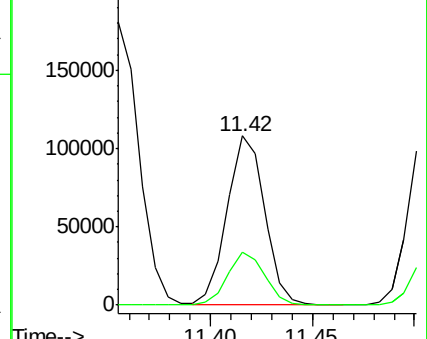
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Abundance Ion 91.00 (90.70 to 91.70): VX012431.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX012431.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.419 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012628.D

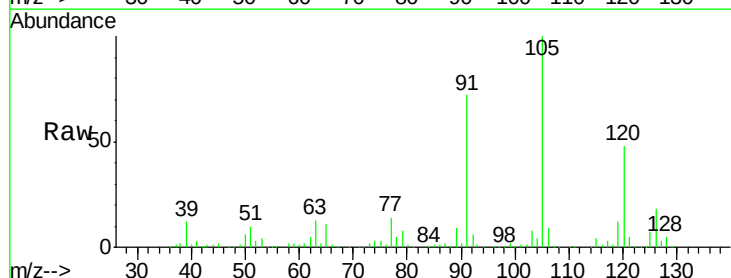
Acq: 24 Sep 2019 13:23

Tgt Ion:105 Resp: 164957

Ion Ratio Lower Upper

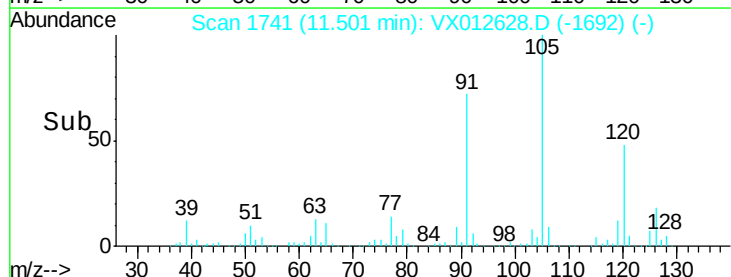
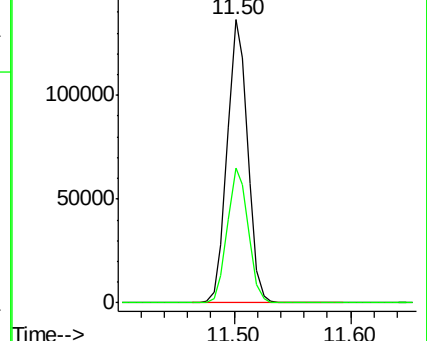
105 100

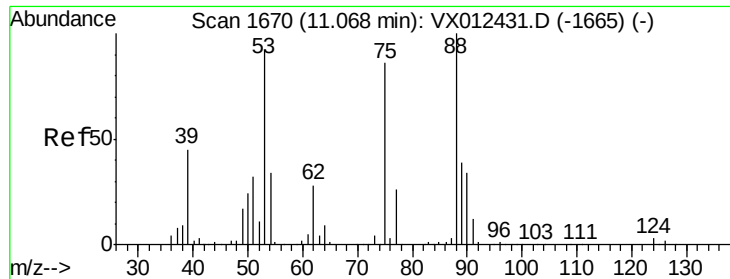
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012431.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX012431.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.985 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion: 75 Resp: 19499

Ion Ratio Lower Upper

75 100

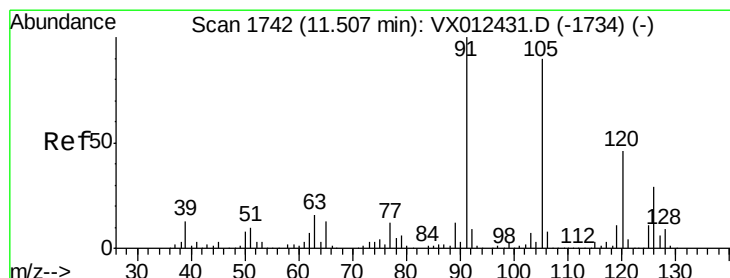
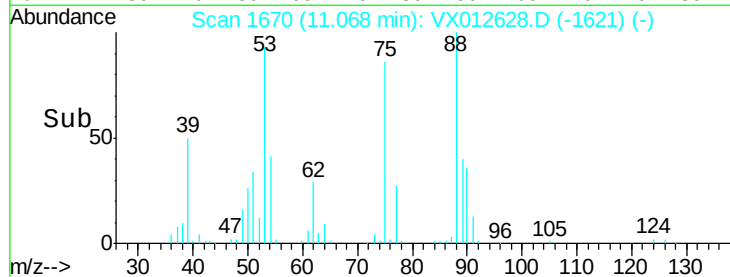
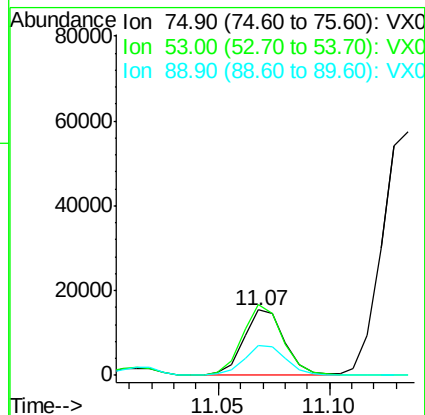
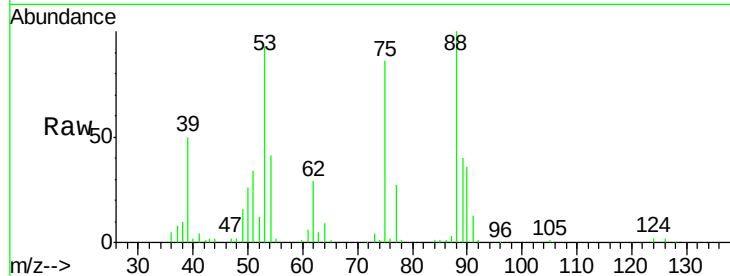
53 108.1 83.6 125.4

89 47.6 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.366 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012628.D

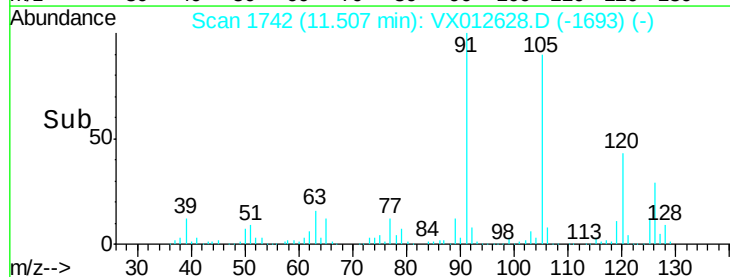
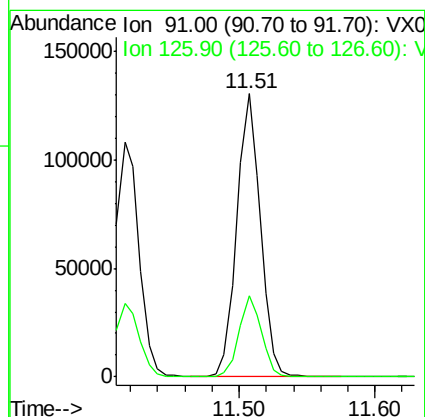
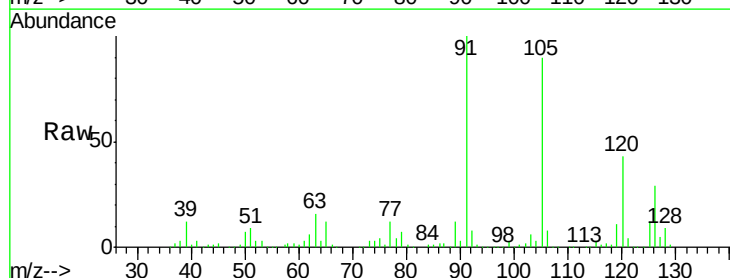
Acq: 24 Sep 2019 13:23

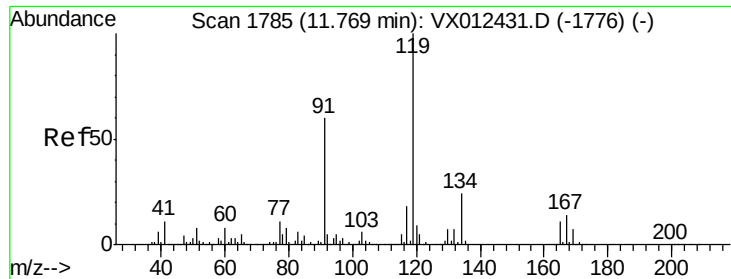
Tgt Ion: 91 Resp: 157053

Ion Ratio Lower Upper

91 100

126 27.6 14.4 43.0





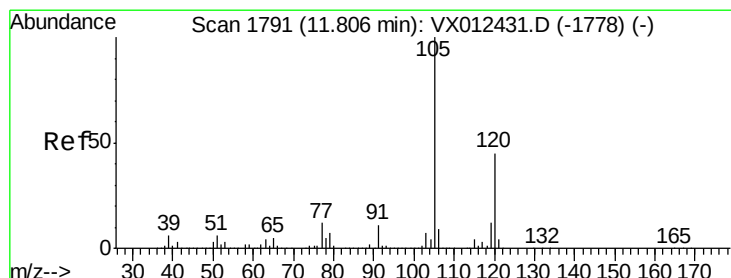
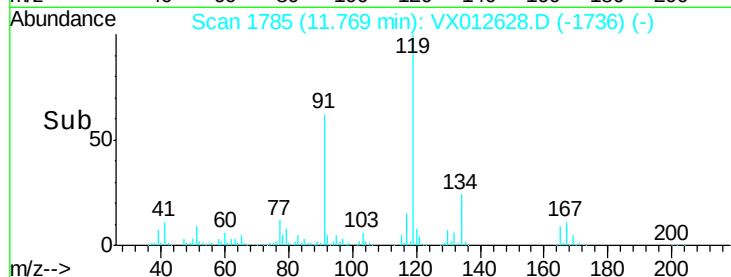
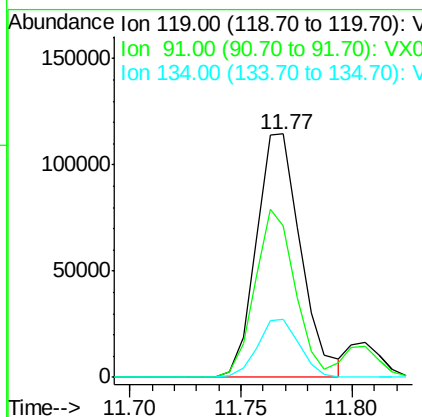
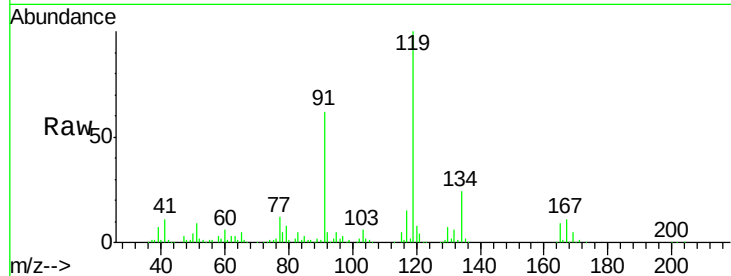
#83
 tert-Butylbenzene
 Concen: 19.442 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	159308		
91	62.1	30.0	90.0	
134	22.6	11.3	33.9	

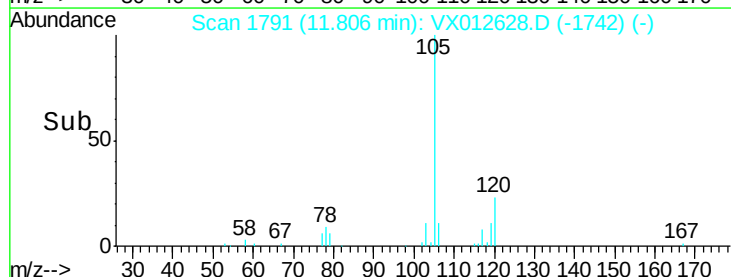
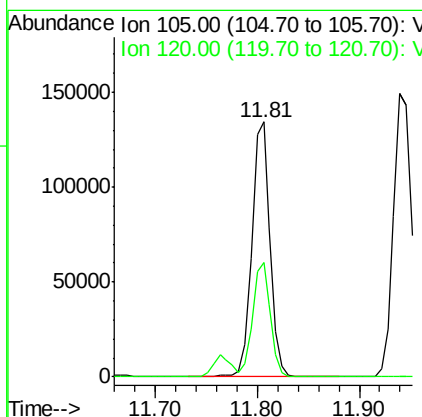
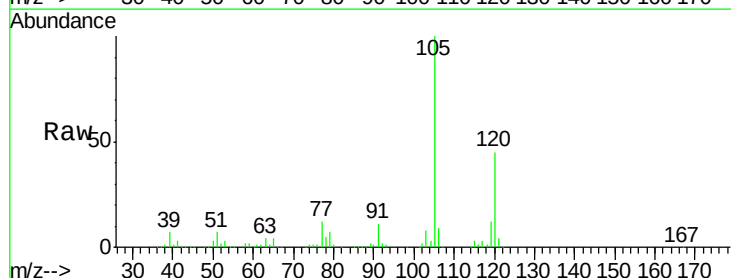
Manual Integrations
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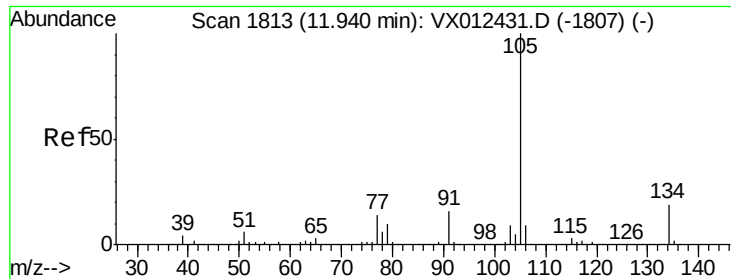
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.588 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167850		
120	44.2	22.2	66.6	





#85

sec-Butylbenzene

Concen: 19.550 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion:105 Resp: 186322

Ion Ratio Lower Upper

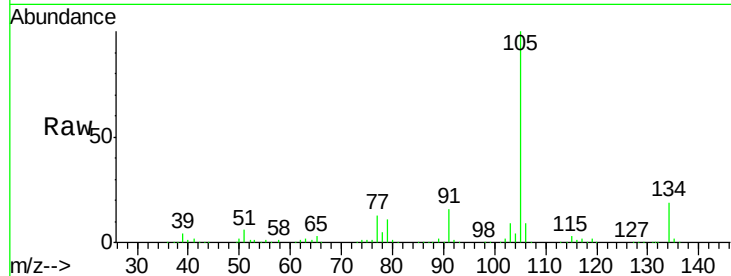
105 100

134 19.3 9.8 29.4

Manual Integrations
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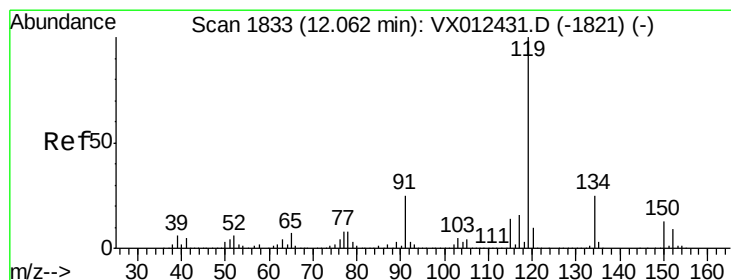
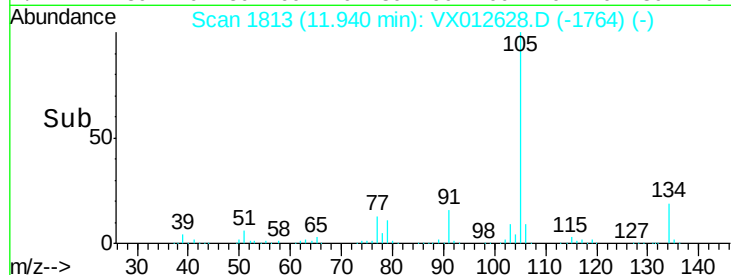
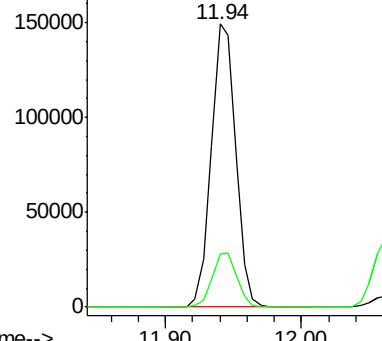
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.743 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

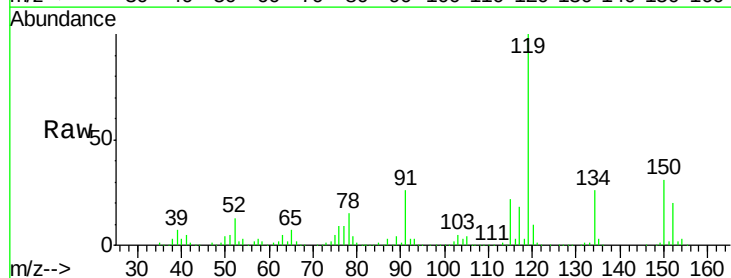
Tgt Ion:119 Resp: 169779

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

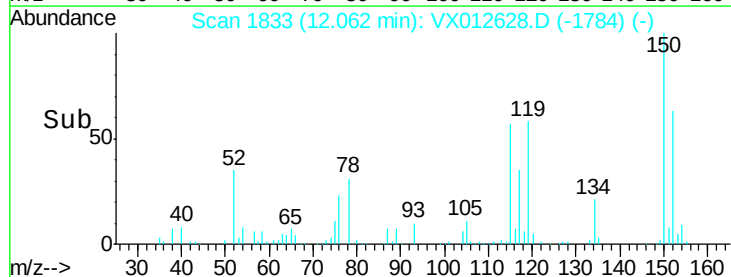
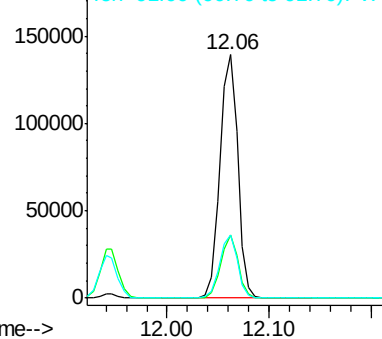
91 25.8 12.8 38.4

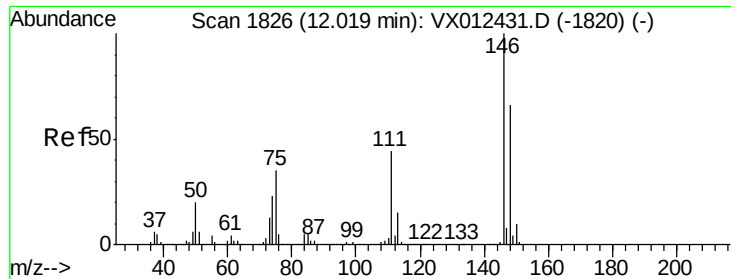


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.756 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tot Ion:146 Resp: 81508

Ion Ratio Lower Upper

146 100

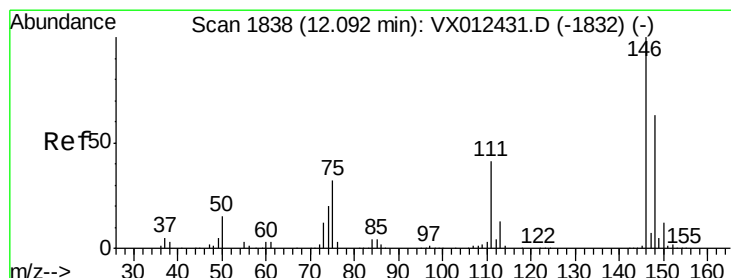
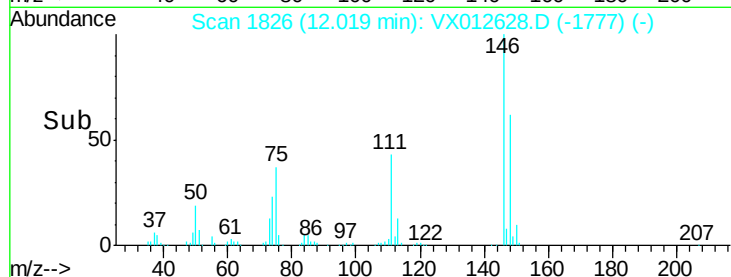
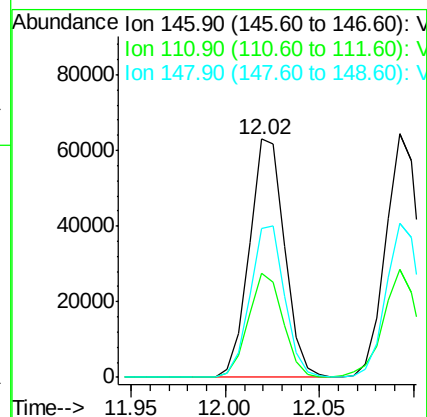
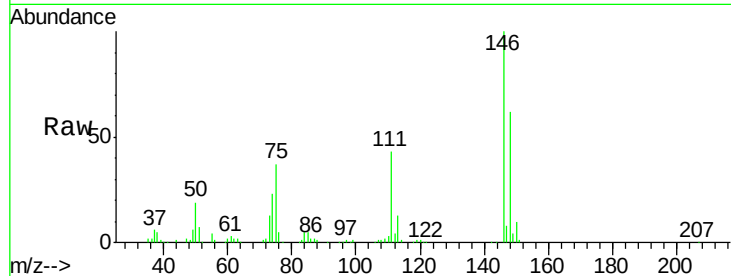
111 42.8 21.3 64.0

148 62.5 32.4 97.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.224 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012628.D

Acq: 24 Sep 2019 13:23

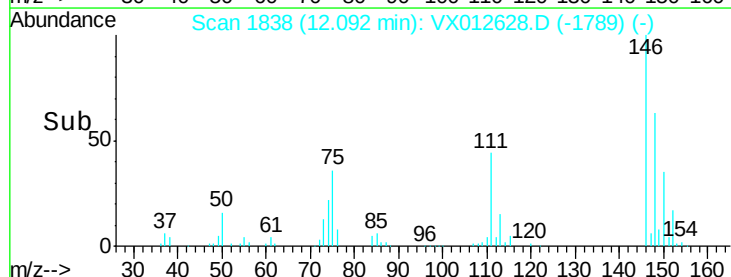
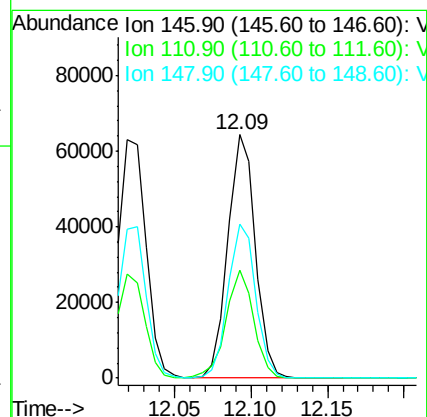
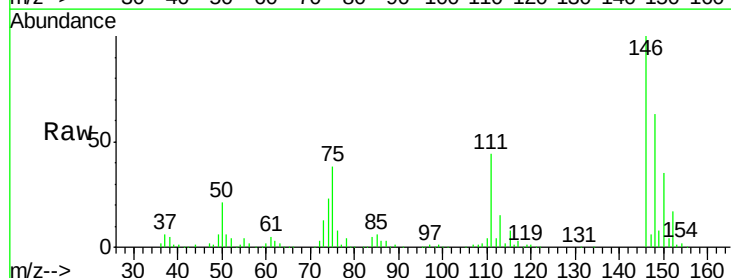
Tgt Ion:146 Resp: 80145

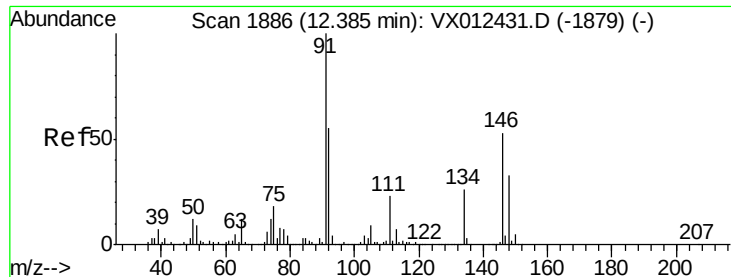
Ion Ratio Lower Upper

146 100

111 45.0 21.1 63.3

148 63.6 32.1 96.5





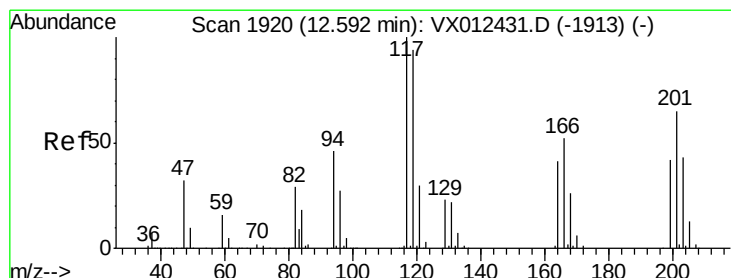
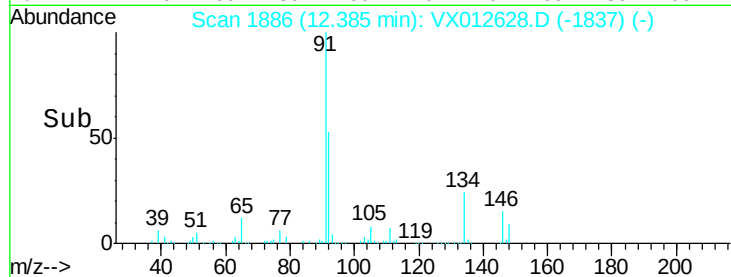
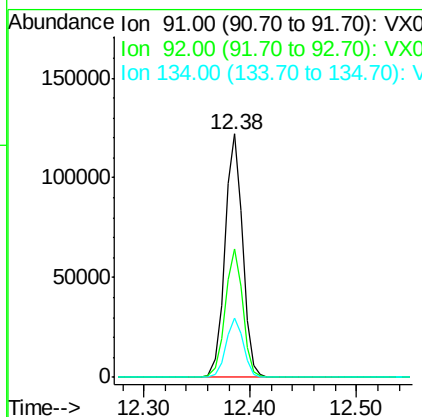
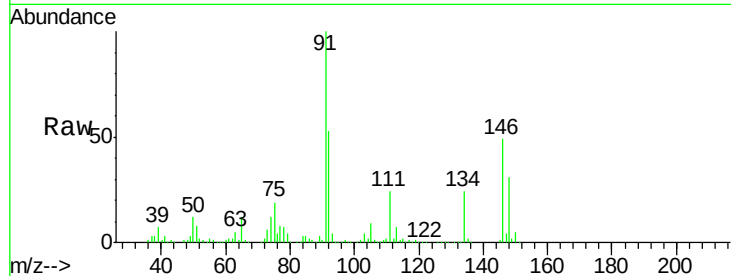
#89
n-Butylbenzene
Concen: 18.697 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	141683		
92	52.6		27.7	83.0
134	24.0		12.9	38.6

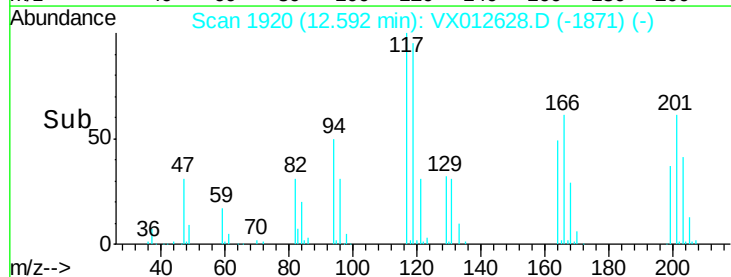
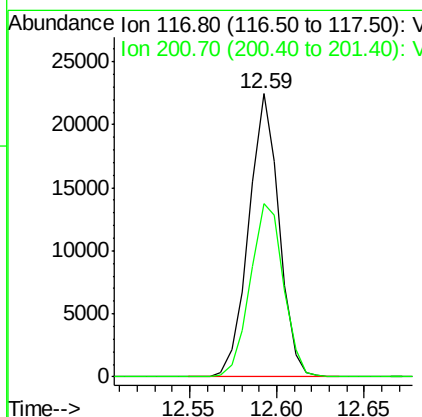
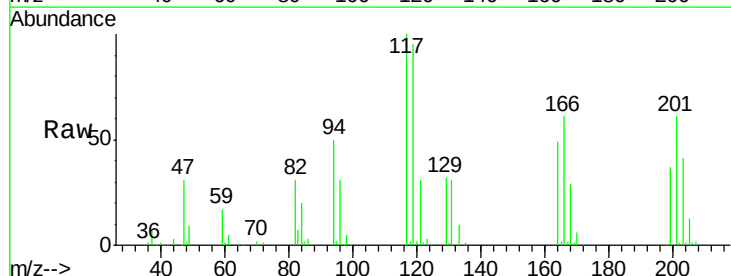
Manual Integrations
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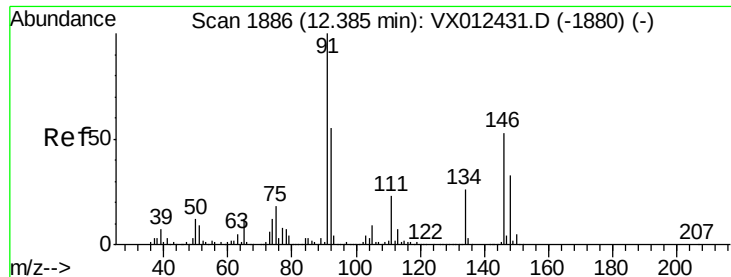
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#90
Hexachloroethane
Concen: 17.611 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27000		
201	67.3		33.3	99.8





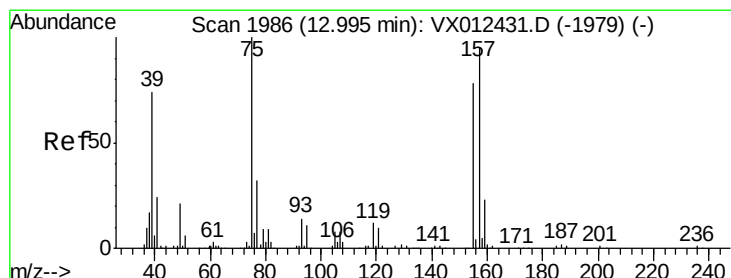
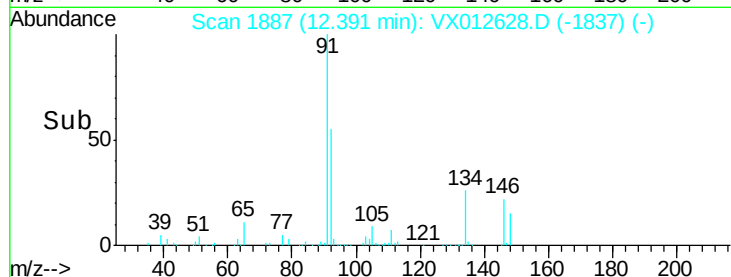
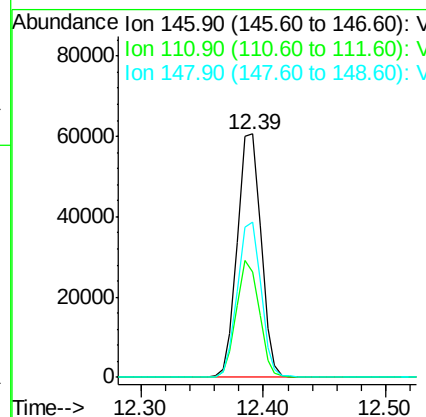
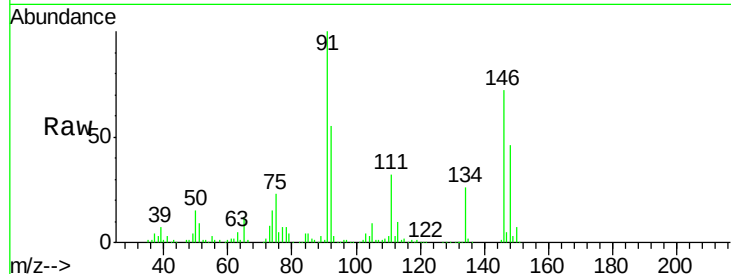
#91
 1,2-Dichlorobenzene
 Concen: 19.648 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	81159		
111	46.1	22.1	66.1	
148	63.5	31.3	93.9	

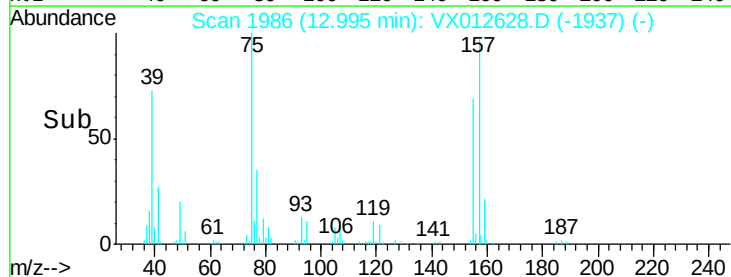
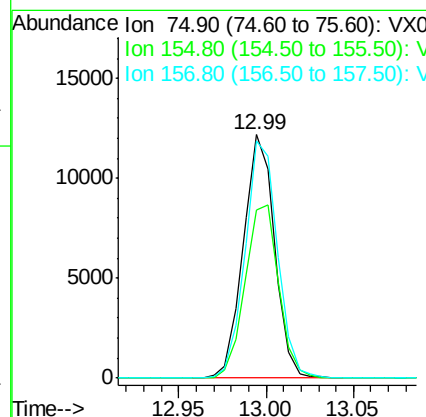
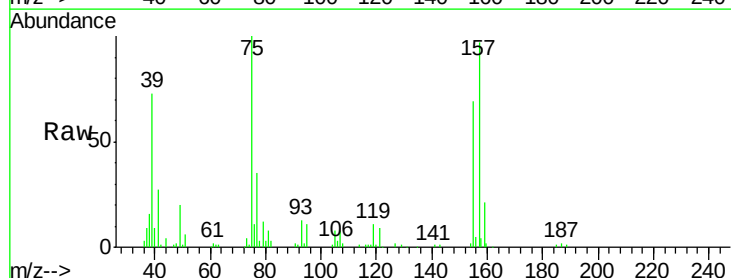
Manual Integrations
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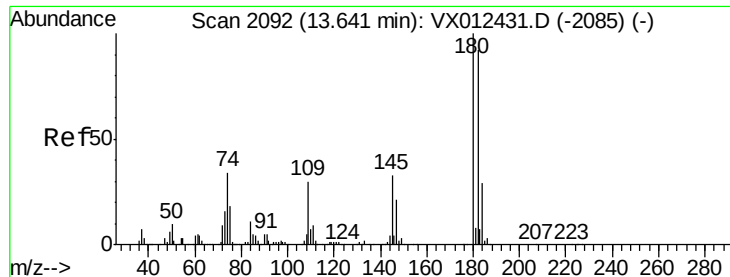
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.000 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15105		
155	76.6	38.6	115.8	
157	101.1	50.6	151.9	





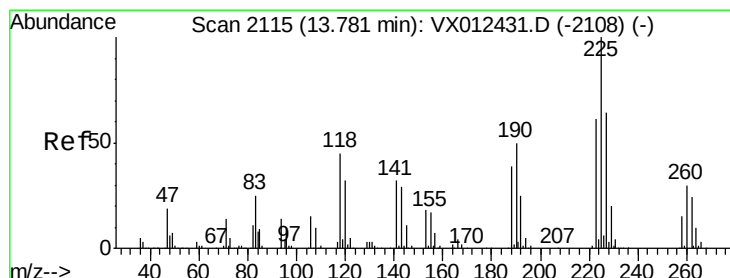
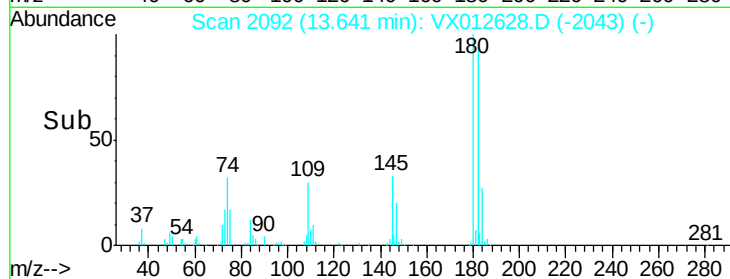
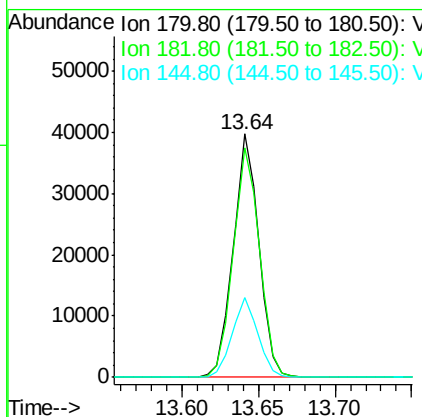
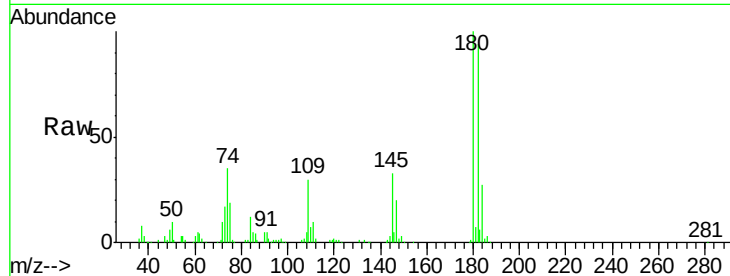
#93
 1,2,4-Trichlorobenzene
 Concen: 18.325 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.0	141.0
145	32.9	16.8	50.4

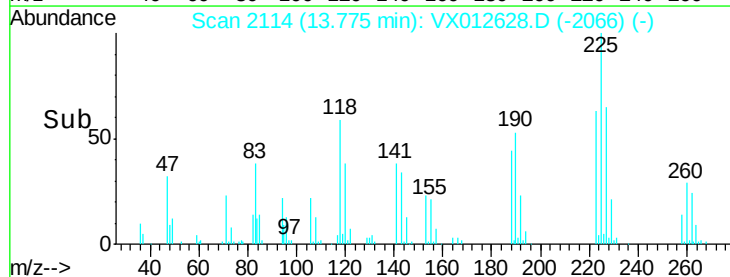
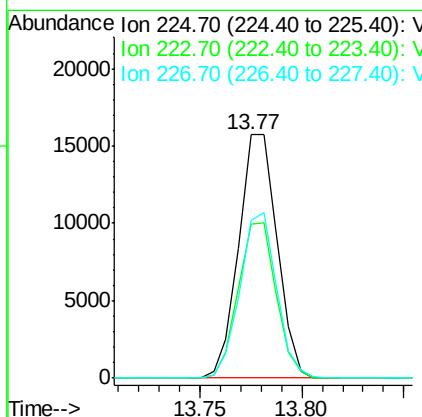
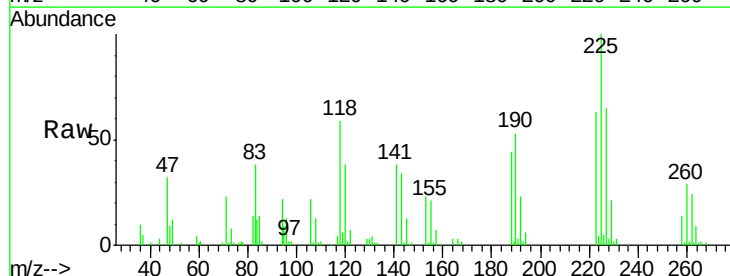
Manual Integrations
 APPROVED

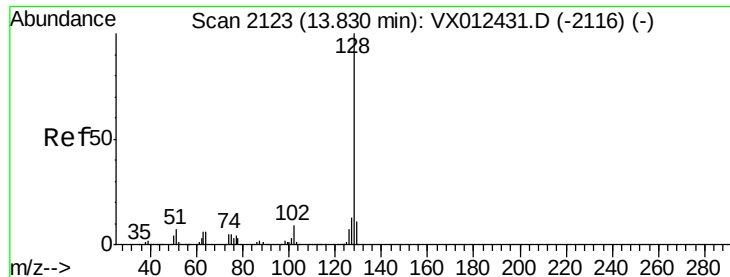
MMDadoda
 9/25/2019 9:29:37 AM



#94
 Hexachlorobutadiene
 Concen: 18.985 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012628.D
 Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.0	96.2
227	64.9	31.9	95.5





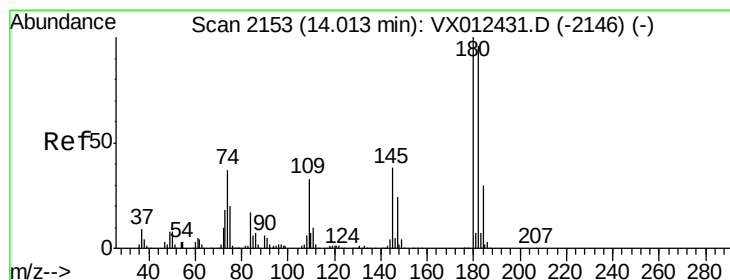
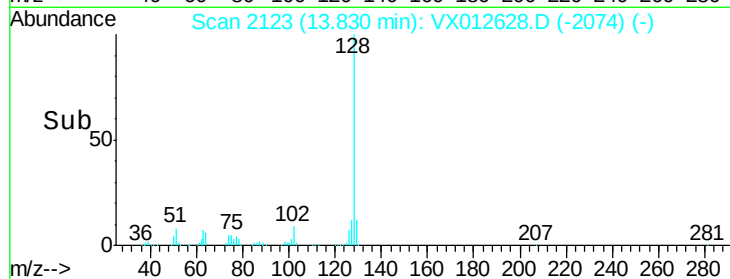
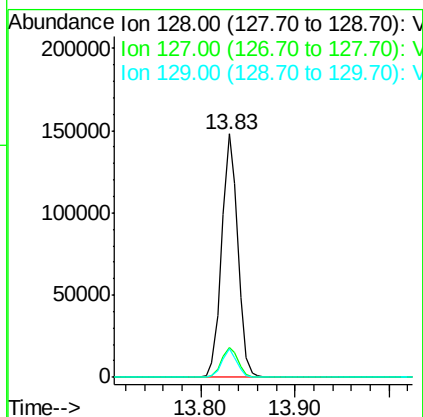
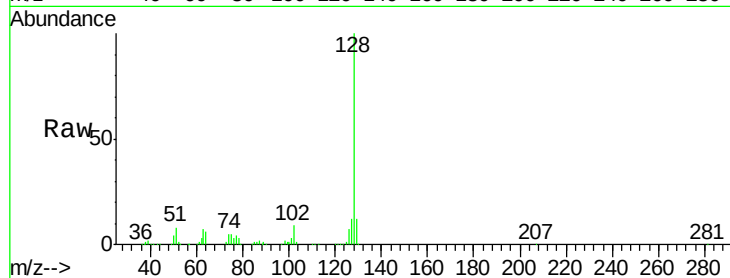
#95
Naphthalene
Concen: 19.200 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	174983		
127	12.6	10.2	15.4	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
9/25/2019 9:29:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.761 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012628.D
Acq: 24 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	47340		
182	96.3	47.1	141.3	
145	36.8	18.0	54.0	

