

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019124.D
 Acq On : 26 Oct 2020 17:47
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:24 PM

Quant Time: Oct 26 19:08:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	154393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	258269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	229941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	115356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	11143	4.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.82%	
35) Dibromofluoromethane	5.46	113	8890	4.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.44%	
50) Toluene-d8	8.70	98	34756	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	11.12	95	11640	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	6789	5.626	ug/l	99
3) Chloromethane	1.31	50	7143	5.412	ug/l	98
4) Vinyl Chloride	1.39	62	9188	5.562	ug/l	99
5) Bromomethane	1.63	94	6417	4.738	ug/l	99
6) Chloroethane	1.71	64	6205	5.552	ug/l	97
7) Trichlorofluoromethane	1.92	101	15693	5.585	ug/l	95
8) Diethyl Ether	2.17	74	6256	5.608	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7807	5.529	ug/l	99
10) Methyl Iodide	2.49	142	6245	4.382	ug/l	99
11) Tert butyl alcohol	3.01	59	11116	29.452	ug/l	98
12) 1,1-Dichloroethene	2.36	96	7730	5.457	ug/l	95
13) Acrolein	2.27	56	6719	35.352	ug/l	96
14) Allyl chloride	2.71	41	9656	5.271	ug/l	98
15) Acrylonitrile	3.12	53	20486	27.880	ug/l	99
16) Acetone	2.42	43	15940	26.604	ug/l	100
17) Carbon Disulfide	2.55	76	21307	5.445	ug/l	99
18) Methyl Acetate	2.75	43	7943	5.371	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	27022	5.578	ug/l	97
20) Methylene Chloride	2.84	84	9388	5.339	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	8985	5.358	ug/l	96
22) Diisopropyl ether	3.82	45	21461	5.536	ug/l	93
23) Vinyl Acetate	3.78	43	93494	27.775	ug/l	98
24) 1,1-Dichloroethane	3.67	63	14370	5.598	ug/l	99
25) 2-Butanone	4.64	43	25482	27.093	ug/l	97
26) 2,2-Dichloropropane	4.55	77	13536	5.570	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	10415	5.558	ug/l	97
28) Bromochloromethane	4.98	49	6170	5.583	ug/l #	97
29) Tetrahydrofuran	5.09	42	16486	27.898	ug/l	99
30) Chloroform	5.17	83	15767	5.517	ug/l	96
31) Cyclohexane	5.55	56	12552	5.567	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	13565	5.393	ug/l	98
36) 1,1-Dichloropropene	5.77	75	12276	5.526	ug/l	96
37) Ethyl Acetate	4.79	43	10498	5.423	ug/l	99
38) Carbon Tetrachloride	5.75	117	11803	5.264	ug/l	95

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	14719	5.450	ug/l	97
40) Benzene	6.11	78	35657	5.461	ug/l	99
41) Methacrylonitrile	5.01	41	5253	5.349	ug/l	95
42) 1,2-Dichloroethane	6.17	62	12133	5.518	ug/l	99
43) Isopropyl Acetate	6.41	43	16847	5.393	ug/l	99
44) Trichloroethene	7.19	130	10190	5.463	ug/l	99
45) 1,2-Dichloropropane	7.49	63	8269	5.466	ug/l	99
46) Dibromomethane	7.63	93	6276	5.497	ug/l	96
47) Bromodichloromethane	7.87	83	11694	5.353	ug/l	97
48) Methyl methacrylate	7.74	41	7840	5.407	ug/l	99
49) 1,4-Dioxane	7.73	88	4354	112.909	ug/l #	96
51) 4-Methyl-2-Pentanone	8.62	43	49332	27.365	ug/l	98
52) Toluene	8.76	92	22545	5.411	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	12551	5.252	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	13657	5.311	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	9142	5.516	ug/l	97
56) Ethyl methacrylate	9.16	69	12323	5.315	ug/l	96
57) 1,3-Dichloropropane	9.35	76	14758	5.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	32257	24.907	ug/l	100
59) 2-Hexanone	9.47	43	36880	27.176	ug/l	99
60) Dibromochloromethane	9.57	129	8945	5.309	ug/l	100
61) 1,2-Dibromoethane	9.65	107	9127	5.244	ug/l	95
64) Tetrachloroethene	9.32	164	9402	5.309	ug/l	98
65) Chlorobenzene	10.12	112	24433	5.500	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	8550	5.460	ug/l	98
67) Ethyl Benzene	10.24	91	42621	5.459	ug/l	100
68) m/p-Xylenes	10.34	106	32341	10.859	ug/l	99
69) o-Xylene	10.68	106	15568	5.490	ug/l	97
70) Styrene	10.70	104	24740	5.320	ug/l	99
71) Bromoform	10.84	173	5842	5.019	ug/l #	96
73) Isopropylbenzene	11.00	105	41692	5.434	ug/l	98
74) N-amyl acetate	10.88	43	12808	5.459	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	12693	5.315	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	11587m	4.574	ug/l	
77) Bromobenzene	11.24	156	10130	5.357	ug/l	96
78) n-propylbenzene	11.34	91	45589	5.331	ug/l	100
79) 2-Chlorotoluene	11.40	91	26990	5.363	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	33630	5.428	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	3728	5.188	ug/l	96
82) 4-Chlorotoluene	11.49	91	32384	5.478	ug/l	98
83) tert-Butylbenzene	11.76	119	32819	5.382	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	33658	5.359	ug/l	99
85) sec-Butylbenzene	11.93	105	39958	5.455	ug/l	99
86) p-Isopropyltoluene	12.05	119	36349	5.448	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	18236	5.195	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	19666	5.447	ug/l	93
89) n-Butylbenzene	12.37	91	32095	5.249	ug/l	99
90) Hexachloroethane	12.58	117	5369	5.021	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	18550	5.357	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2770	5.496	ug/l	93

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

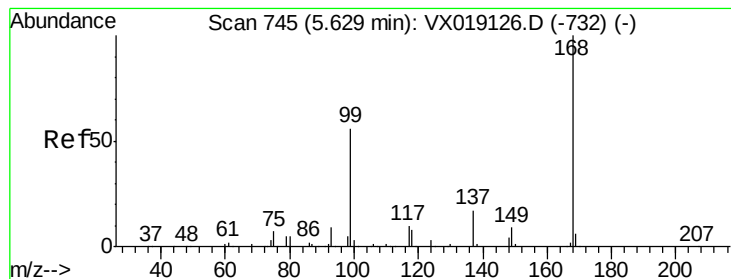
Manual Integrations
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Quant Time: Oct 26 19:08:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 26 18:50:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	12230	5.176	ug/l	97
94) Hexachlorobutadiene	13.76	225	5584	5.225	ug/l	96
95) Naphthalene	13.82	128	37803	5.120	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	12185	5.236	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 154393

Ion Ratio Lower Upper

168 100

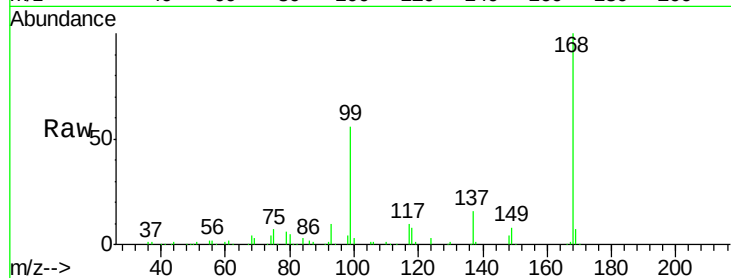
99 55.9 44.4 66.6

Manual Integrations

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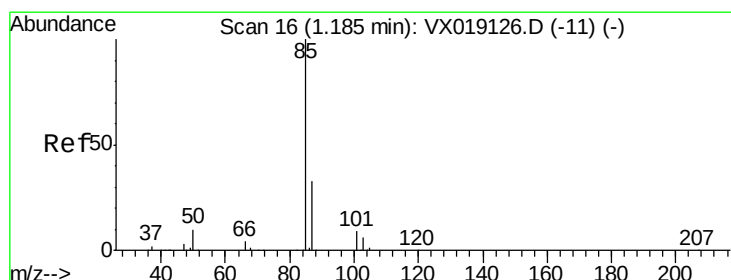
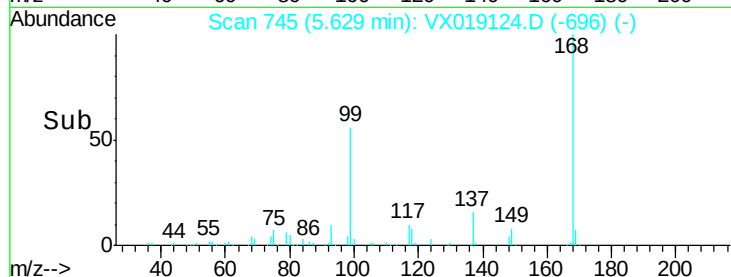
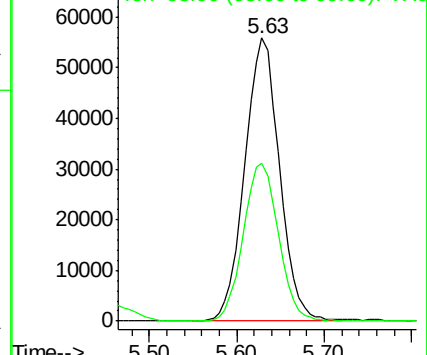
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 5.626 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019124.D

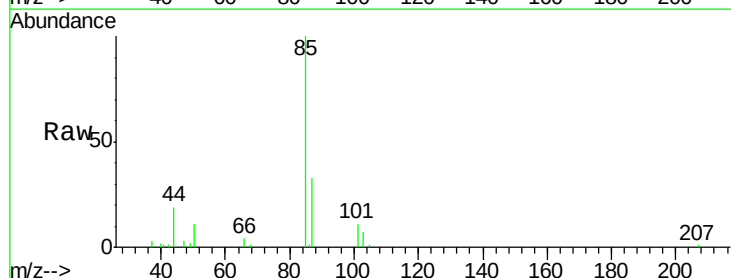
Acq: 26 Oct 2020 17:47

Tgt Ion: 85 Resp: 6789

Ion Ratio Lower Upper

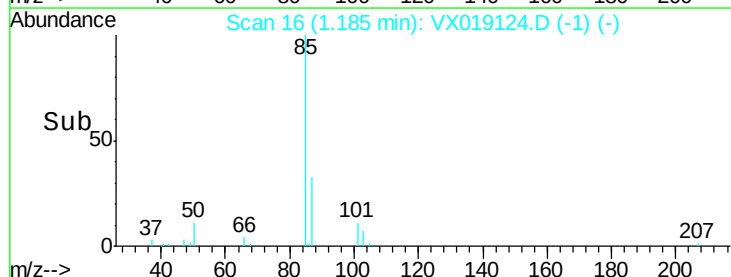
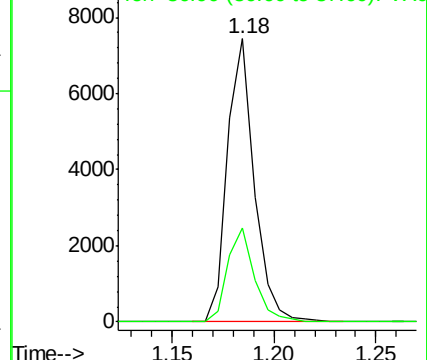
85 100

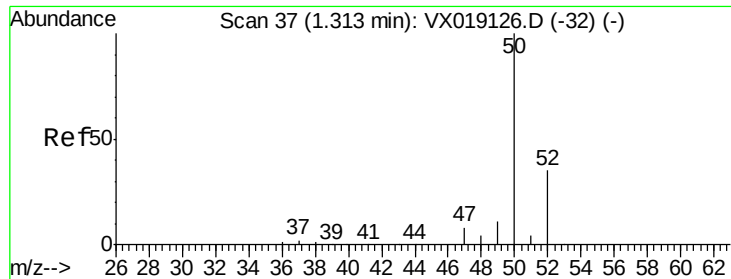
87 33.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.412 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 7143

Ion Ratio Lower Upper

50 100

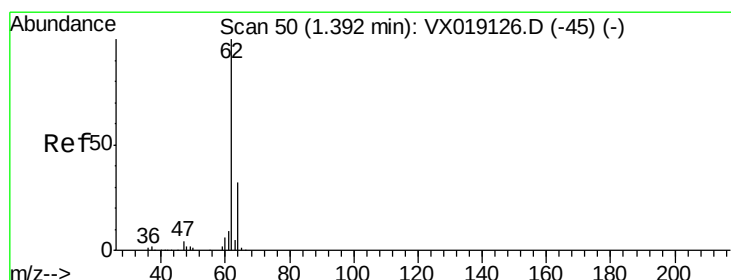
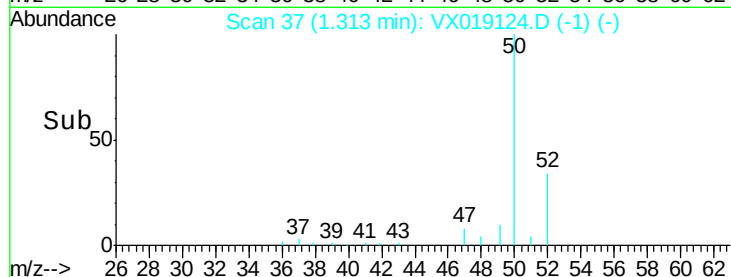
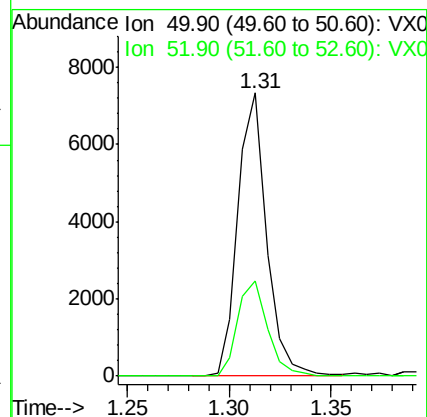
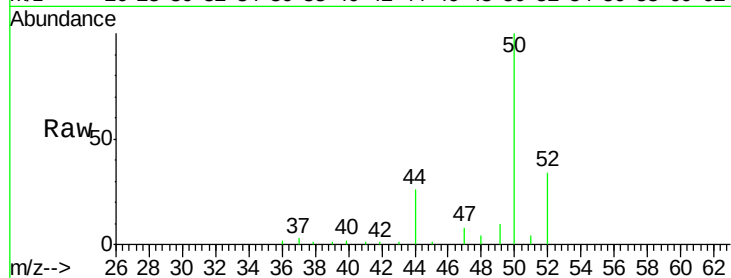
52 33.5 27.7 41.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.562 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019124.D

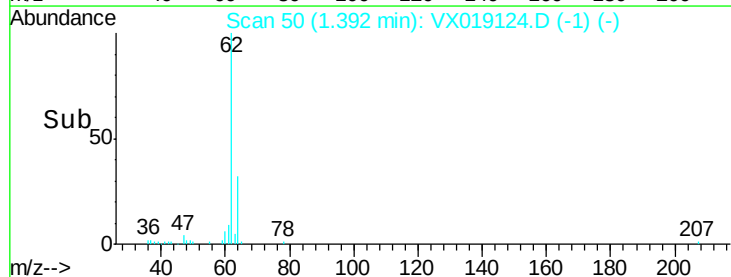
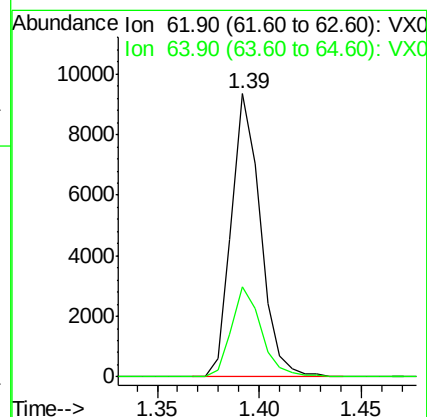
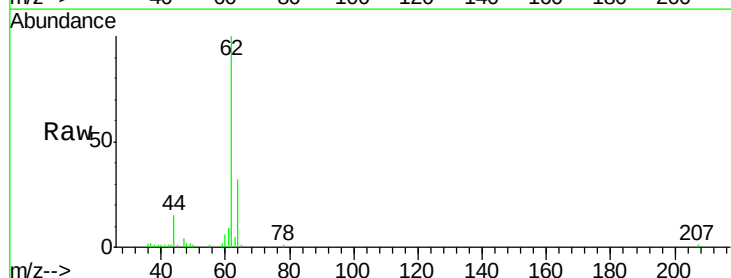
Acq: 26 Oct 2020 17:47

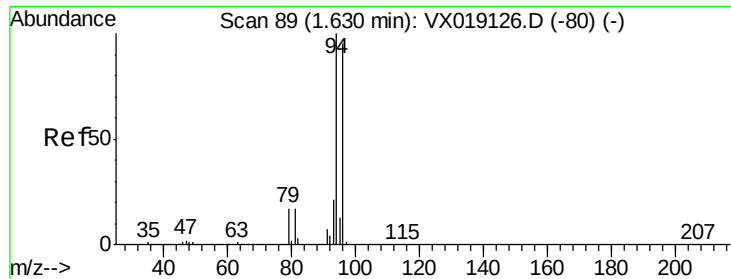
Tgt Ion: 62 Resp: 9188

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0





#5

Bromomethane

Concen: 4.738 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 6417

Ion Ratio Lower Upper

94 100

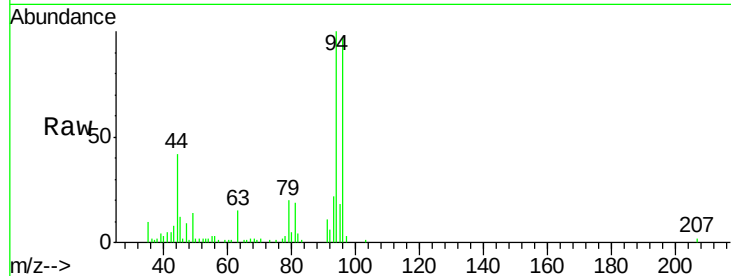
96 96.7 76.3 114.5

Manual Integrations

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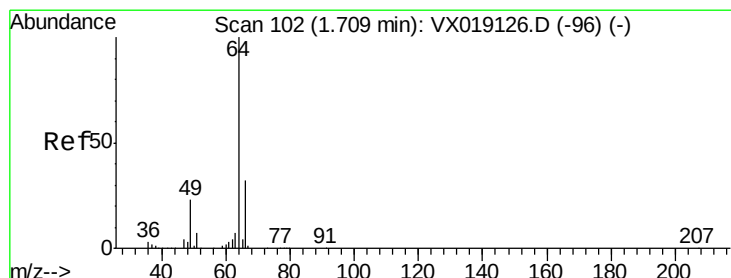
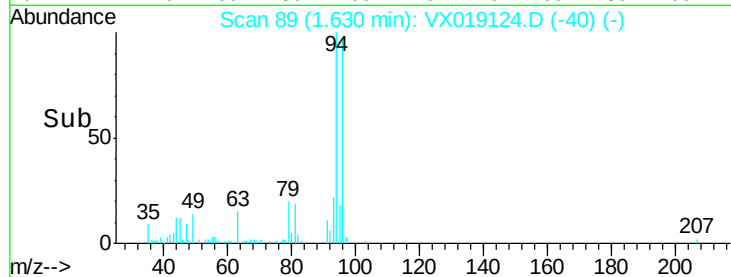
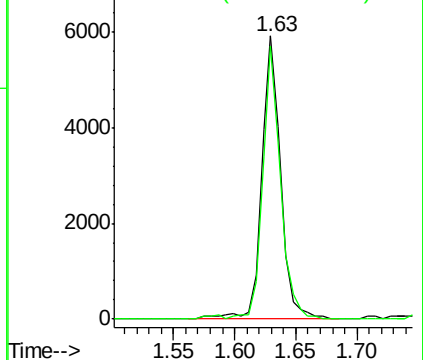
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.552 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019124.D

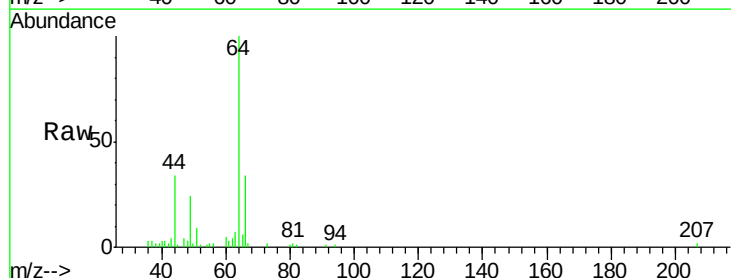
Acq: 26 Oct 2020 17:47

Tgt Ion: 64 Resp: 6205

Ion Ratio Lower Upper

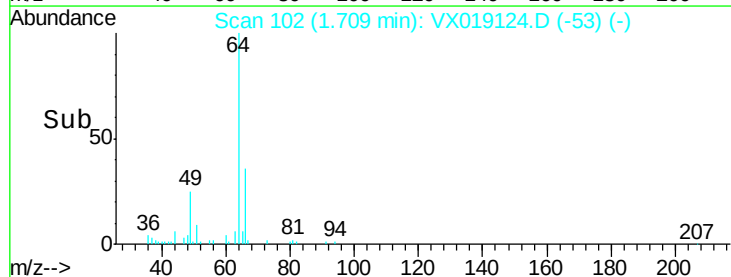
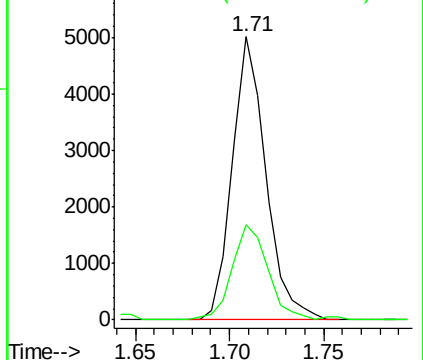
64 100

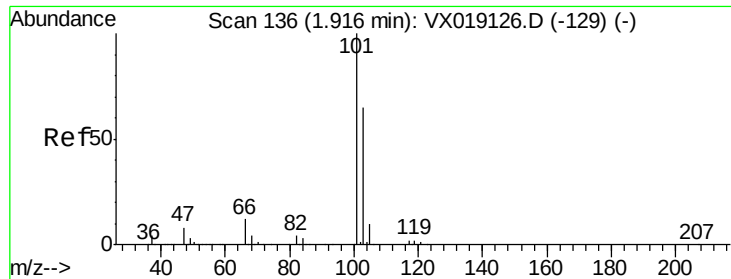
66 33.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

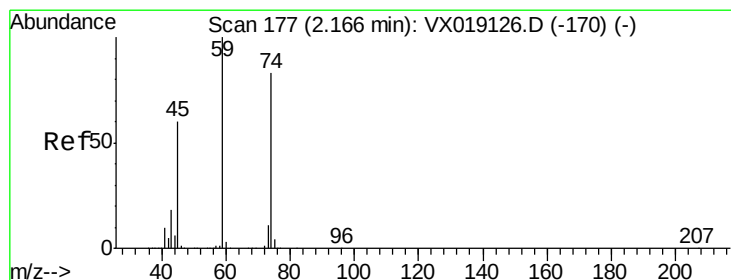
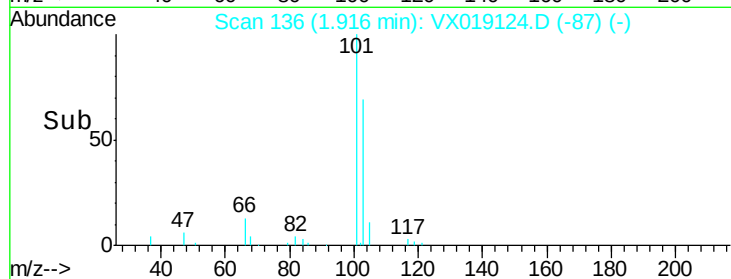
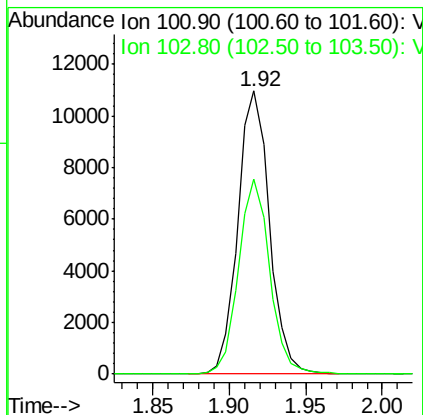
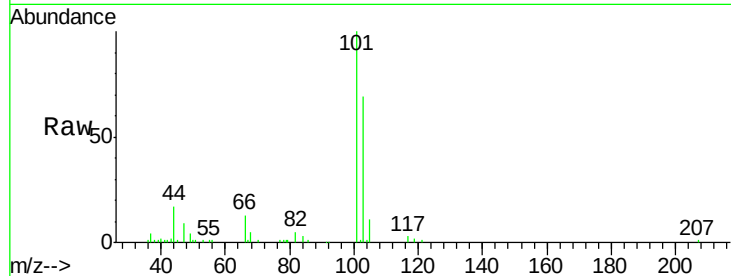
Trichlorofluoromethane
Concen: 5.585 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.7	51.8	77.6

Manual Integrations
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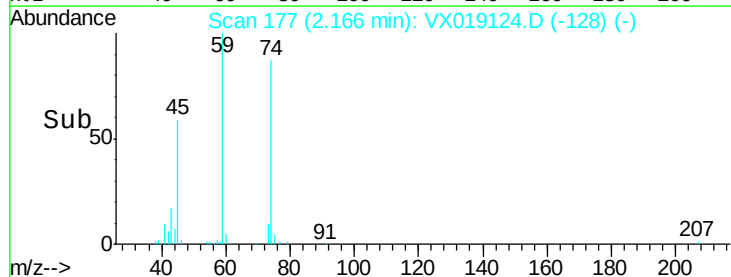
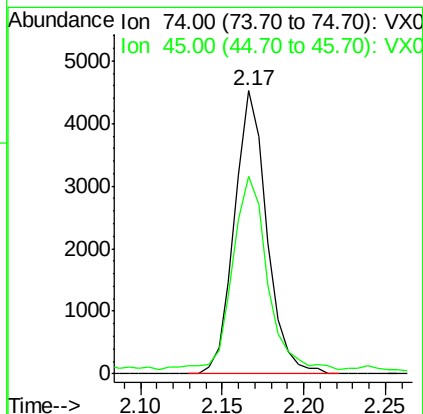
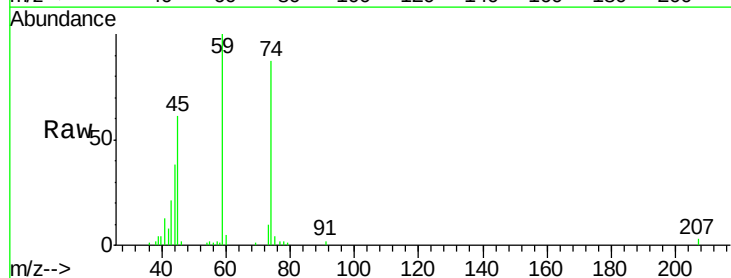
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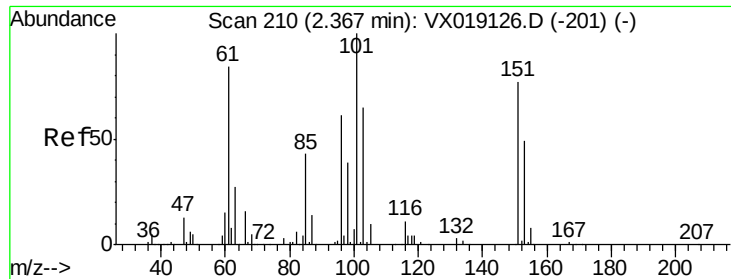


#8

Diethyl Ether
Concen: 5.608 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	75.8	36.1	108.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.529 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

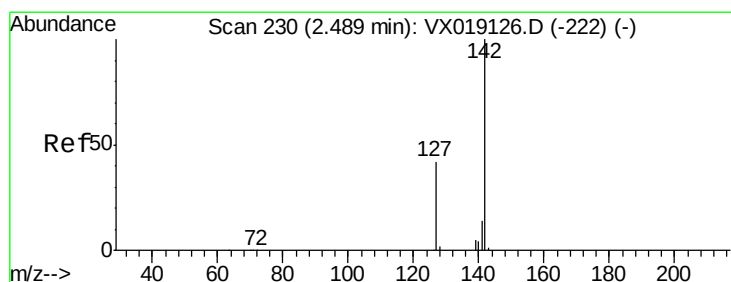
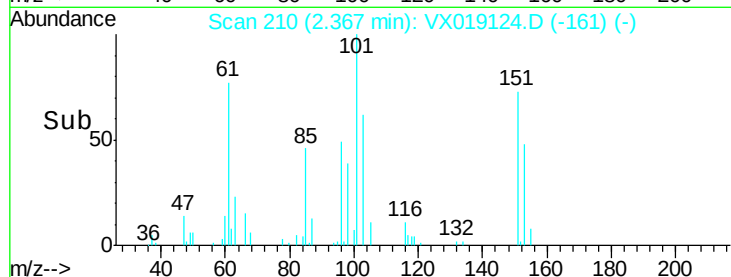
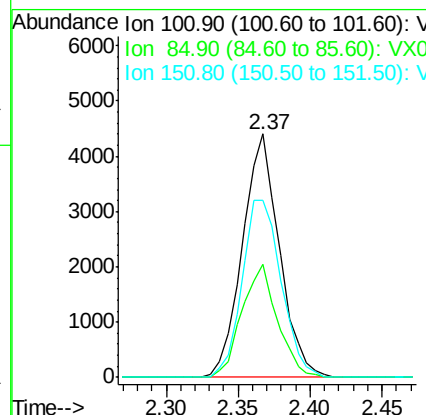
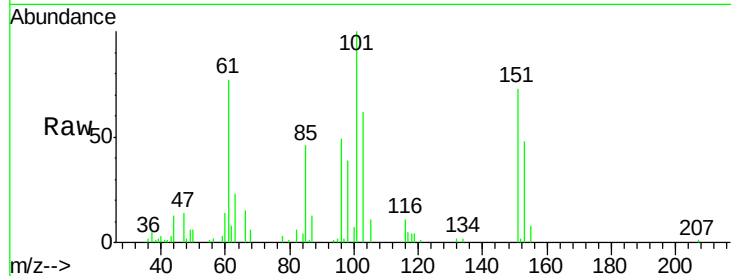
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	7807
Ion Ratio	Lower	Upper	
101	100		
85	44.8	34.7	52.1
151	77.2	61.7	92.5

Manual Integrations
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#10

Methyl Iodide

Concen: 4.382 ug/l

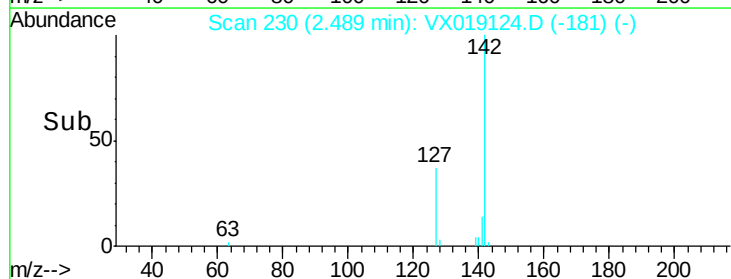
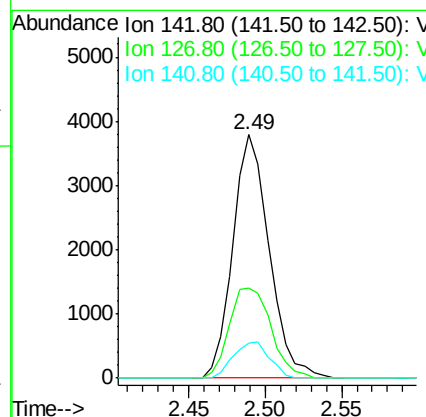
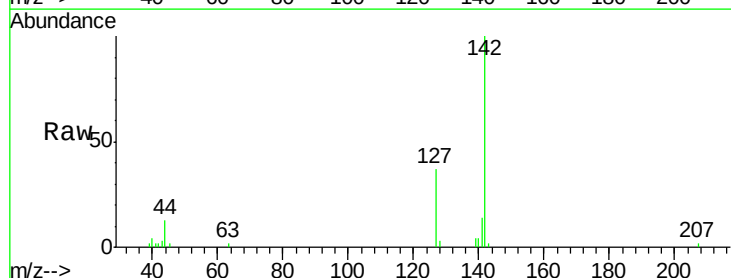
RT: 2.49 min Scan# 230

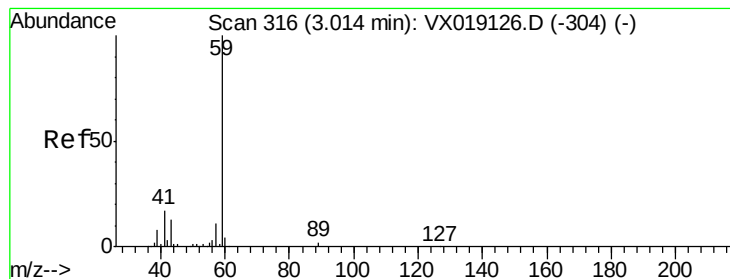
Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Tgt Ion:	142	Resp:	6245
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.1	49.7
141	14.7	11.4	17.0





#11

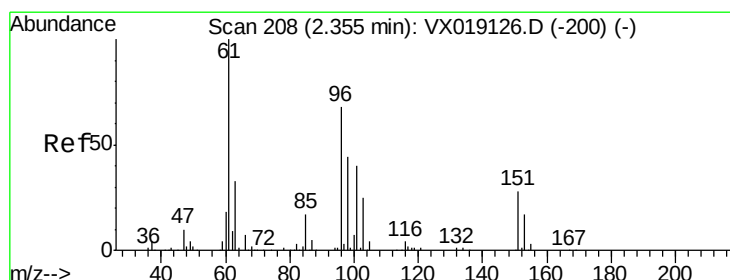
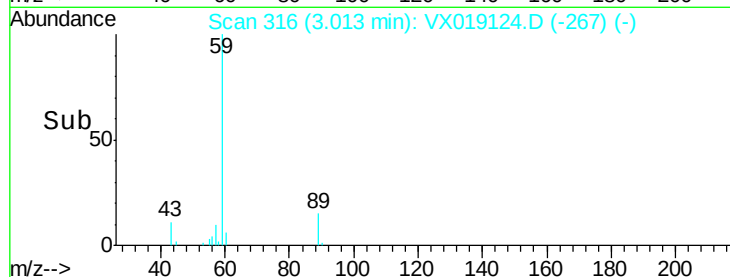
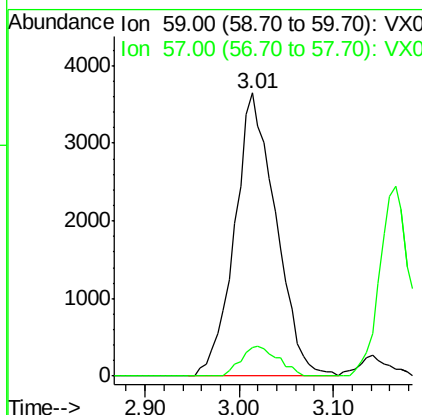
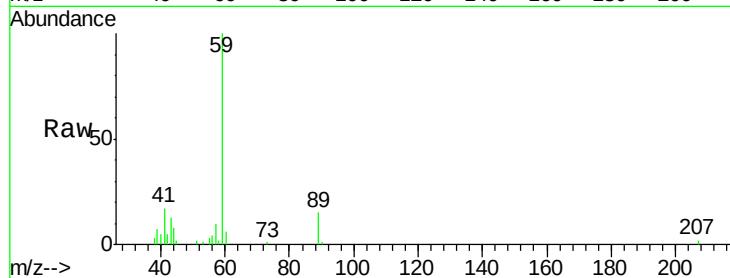
Tert butyl alcohol
 Concen: 29.452 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	11116		
57	57	9.5		8.2	12.4

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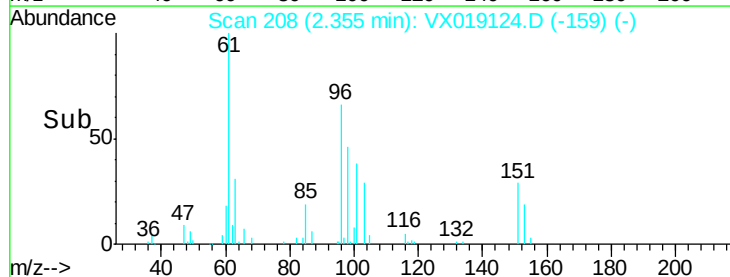
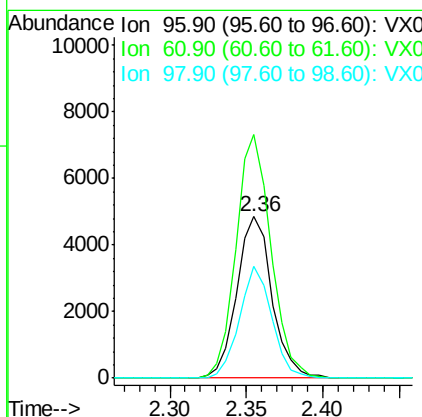
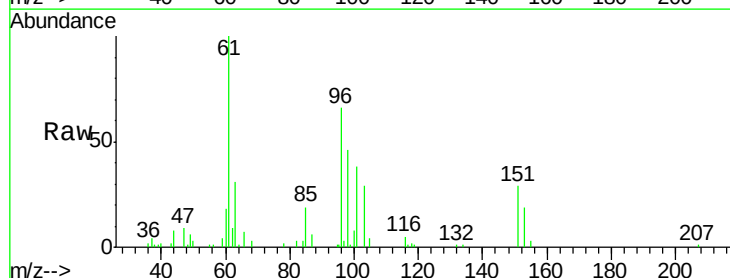
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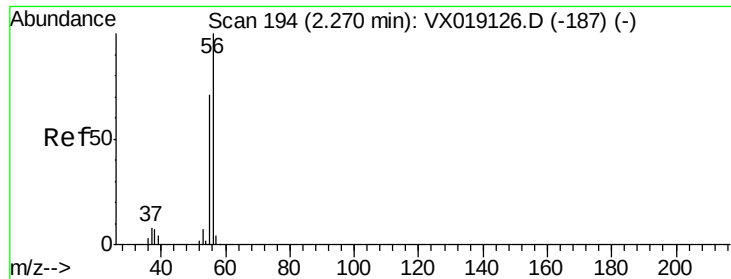


#12

1,1-Dichloroethene
 Concen: 5.457 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	7730		
61	61	150.9		117.0	175.4
98	98	69.1		51.2	76.8





#13

Acrolein

Concen: 35.352 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 6719

Ion Ratio Lower Upper

56 100

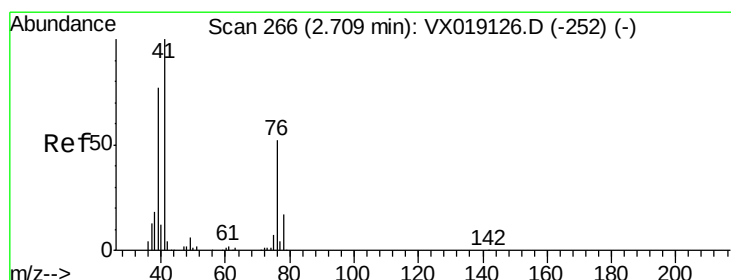
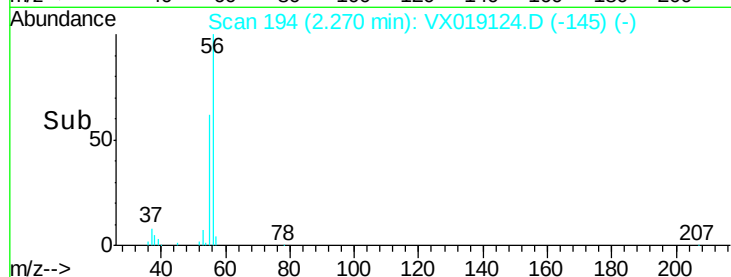
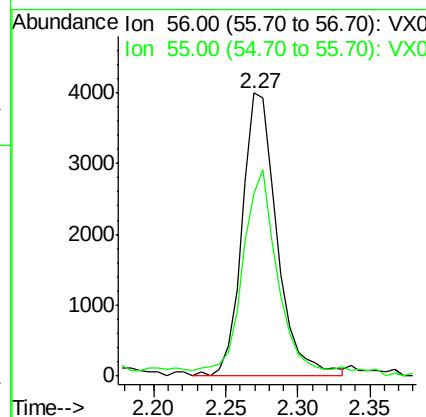
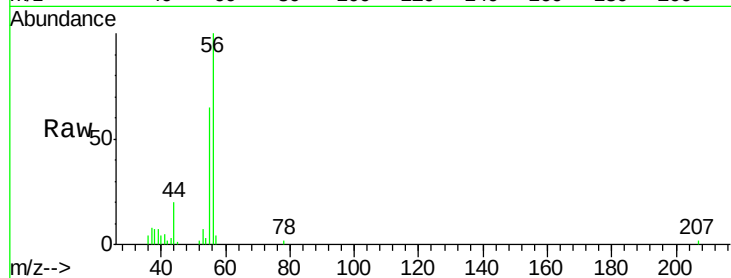
55 66.6 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 5.271 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

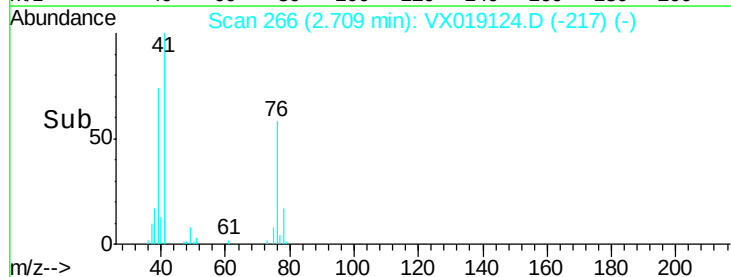
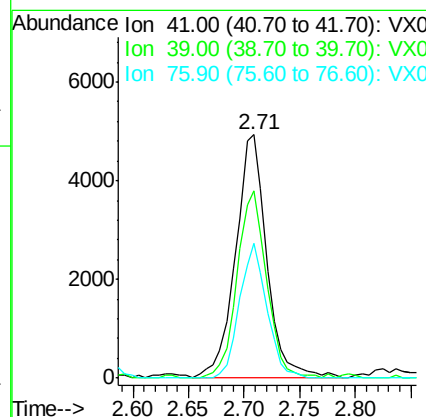
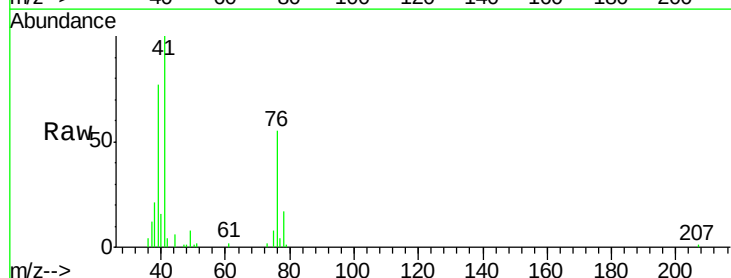
Tgt Ion: 41 Resp: 9656

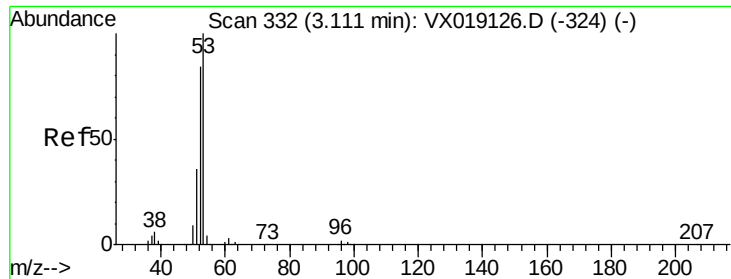
Ion Ratio Lower Upper

41 100

39 72.5 57.0 85.4

76 48.0 37.6 56.4





#15

Acrylonitrile

Concen: 27.880 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

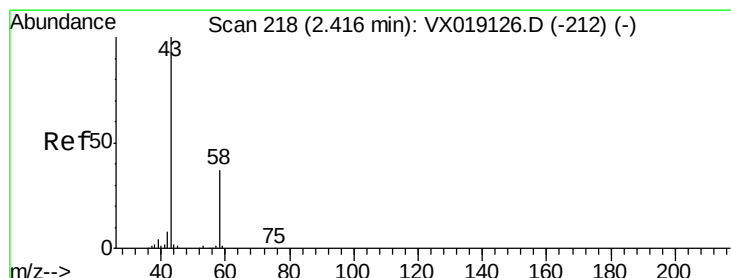
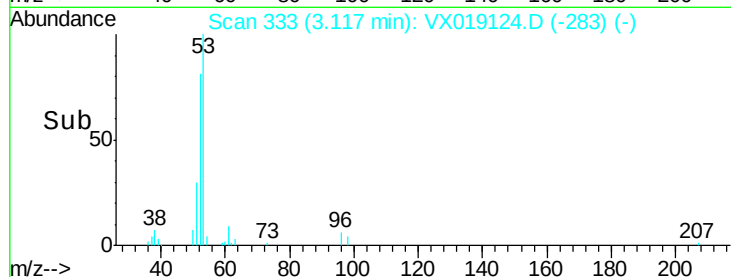
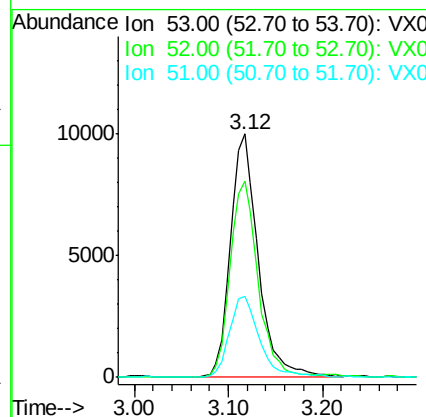
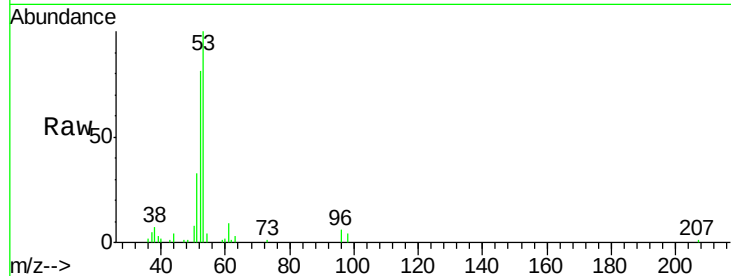
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	20486
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.8	98.8
51	35.8	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 26.604 ug/l

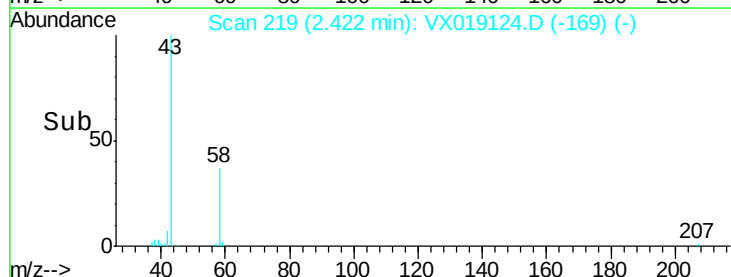
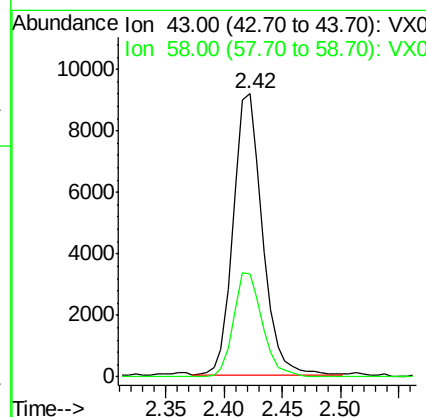
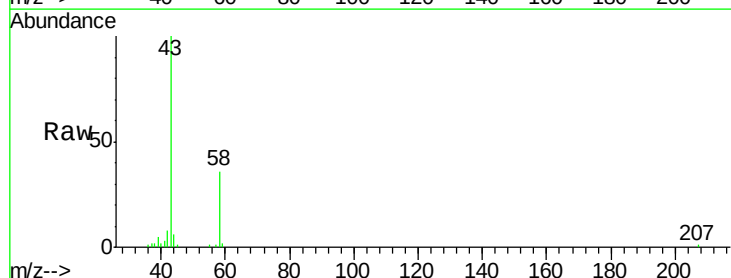
RT: 2.42 min Scan# 219

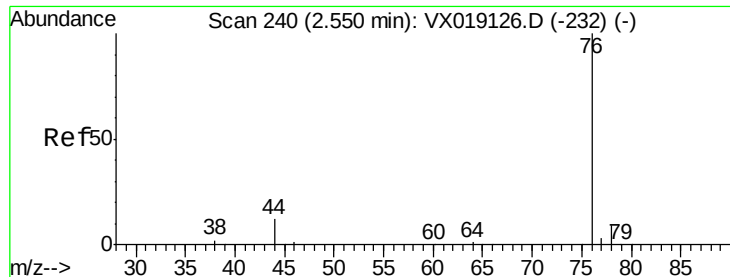
Delta R.T. 0.01 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Tgt Ion:	43	Resp:	15940
Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.4	44.0





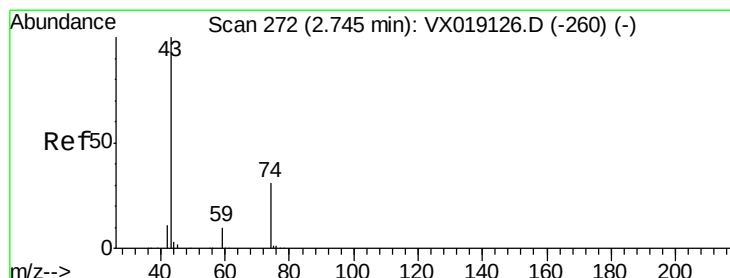
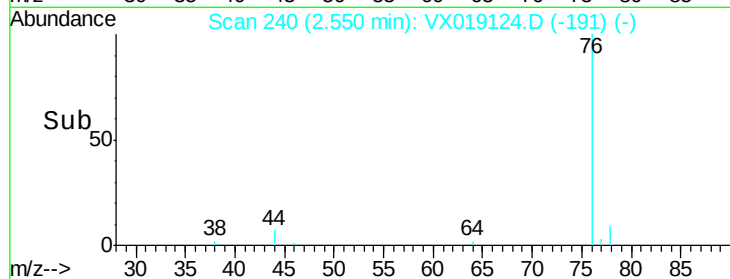
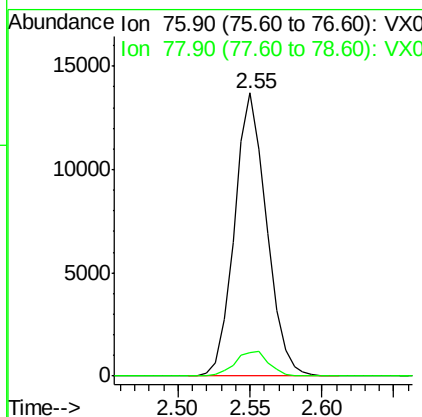
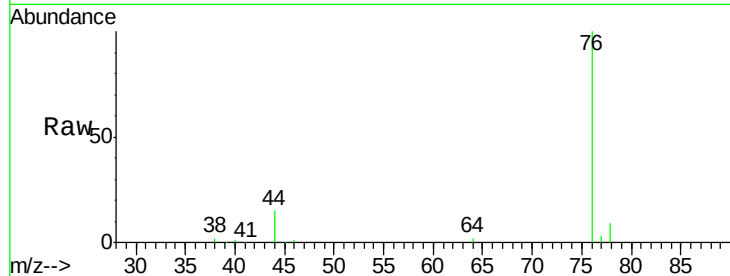
#17
Carbon Disulfide
Concen: 5.445 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.2	10.8

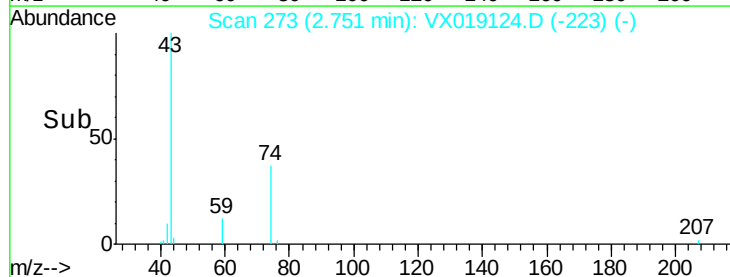
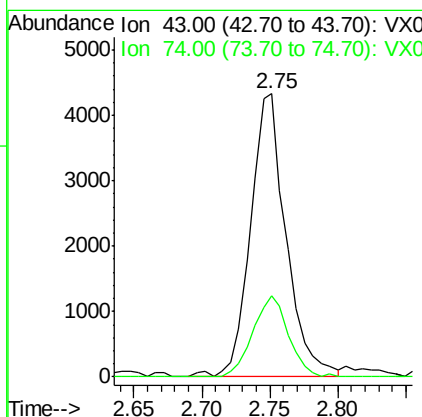
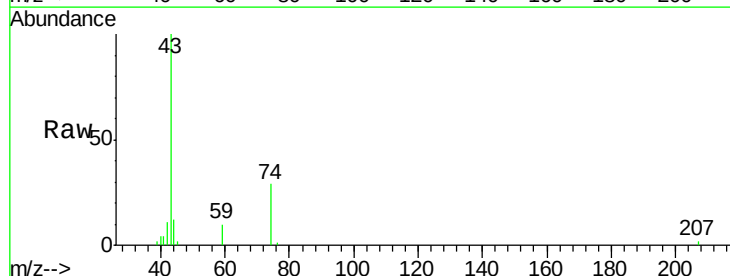
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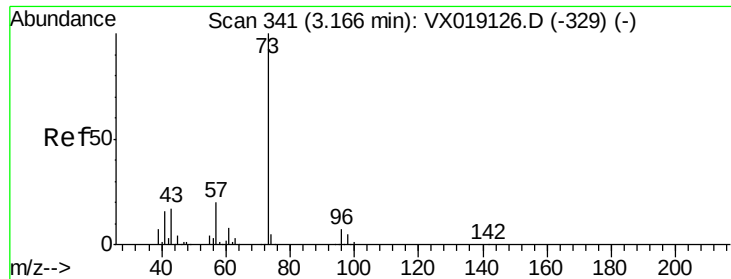
MMDadoda
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#18
Methyl Acetate
Concen: 5.371 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.7	25.3	37.9





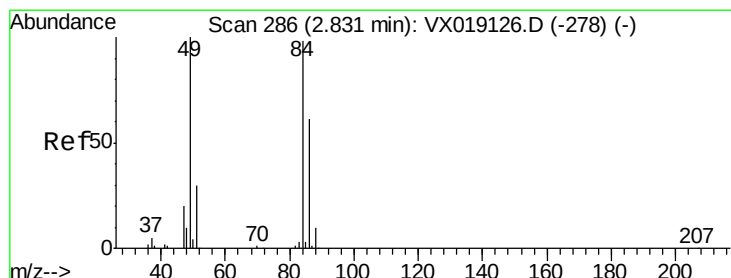
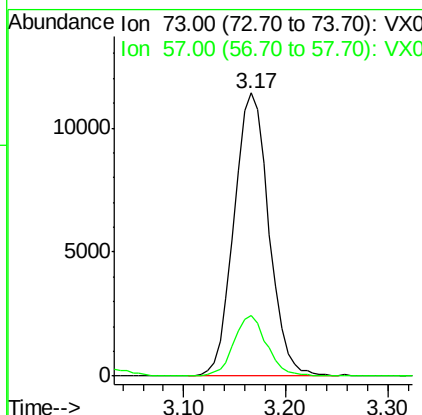
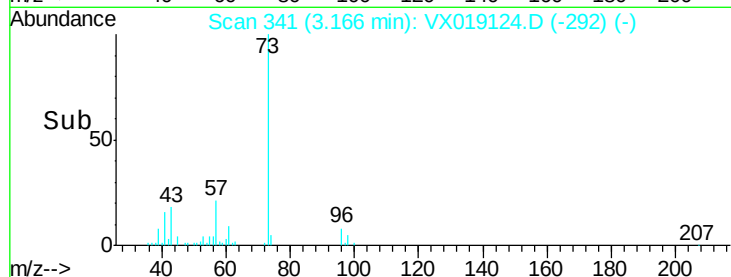
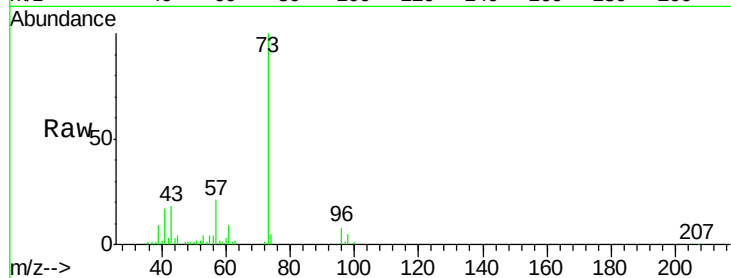
#19
Methyl tert-butyl Ether
Concen: 5.578 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 27022
Ion Ratio Lower Upper
73 100
57 21.4 16.2 24.2

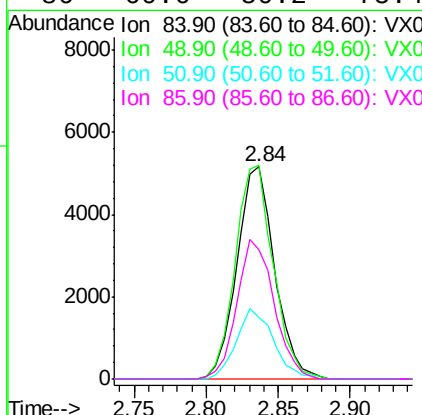
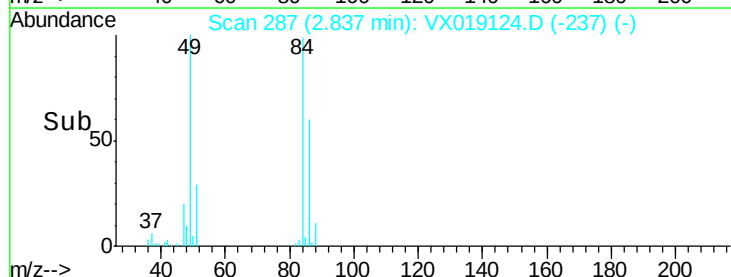
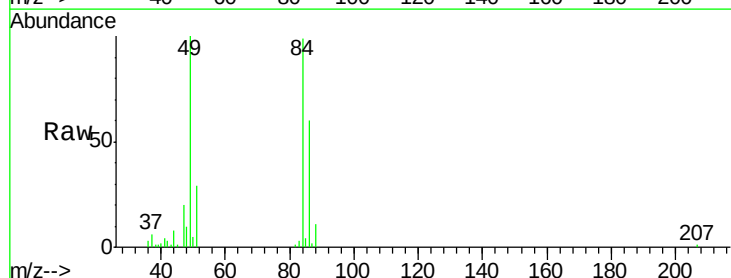
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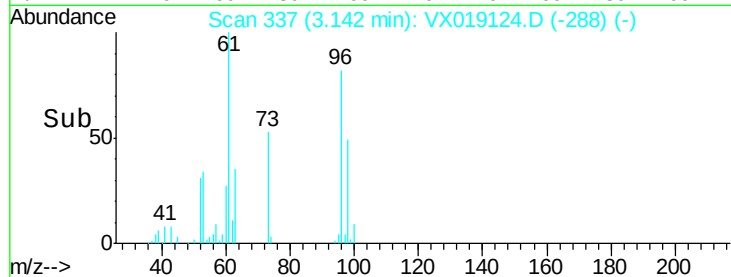
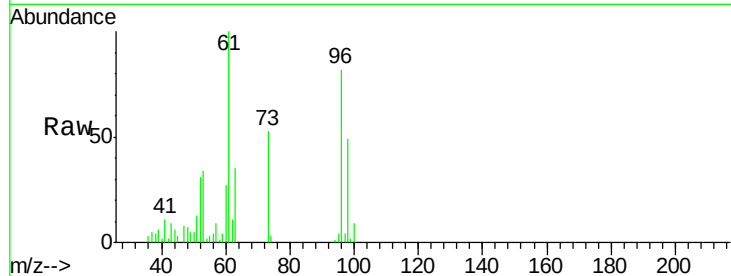
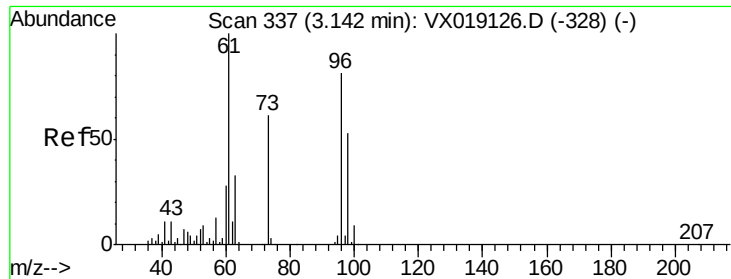
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#20
Methylene Chloride
Concen: 5.339 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion: 84 Resp: 9388
Ion Ratio Lower Upper
84 100
49 100.6 82.0 123.0
51 28.9 24.2 36.4
86 60.6 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 5.358 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Tot Ion:	96	Resp:	8985
Ion	Ratio	Lower	Upper
96	100		
61	121.7	98.8	148.2
98	59.8	52.6	79.0

Instrument :

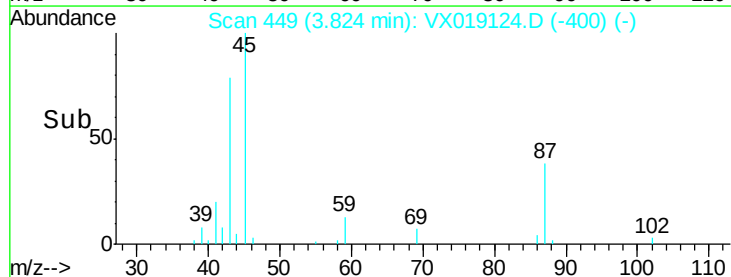
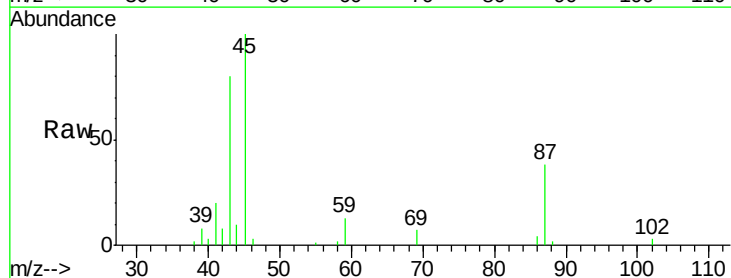
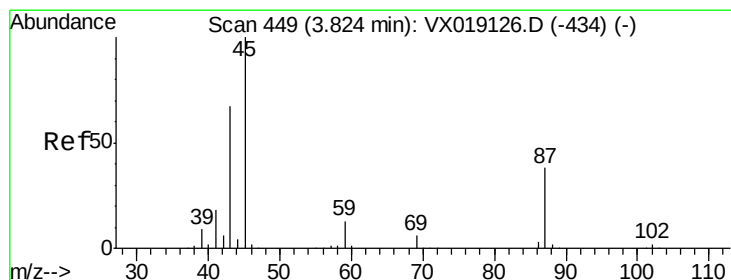
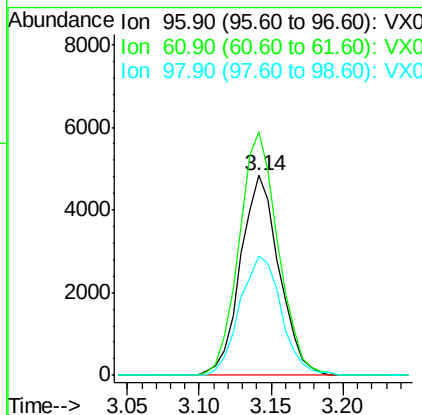
MSVOA_X

ClientSampleId :

VSTDIC005

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#22

Diisopropyl ether

Concen: 5.536 ug/l

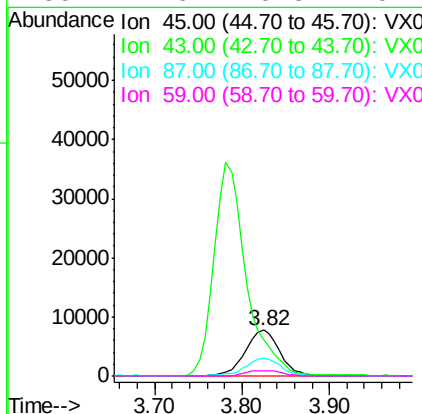
RT: 3.82 min Scan# 449

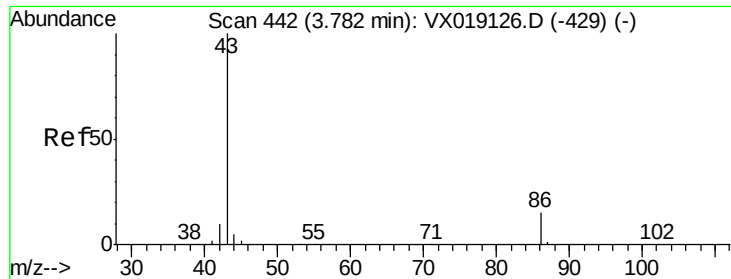
Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Tgt Ion:	45	Resp:	21461
Ion	Ratio	Lower	Upper
45	100		
43	77.3	54.4	81.6
87	38.2	30.2	45.2
59	12.6	10.8	16.2





#23

Vinyl Acetate

Concen: 27.775 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 93494

Ion Ratio Lower Upper

43 100

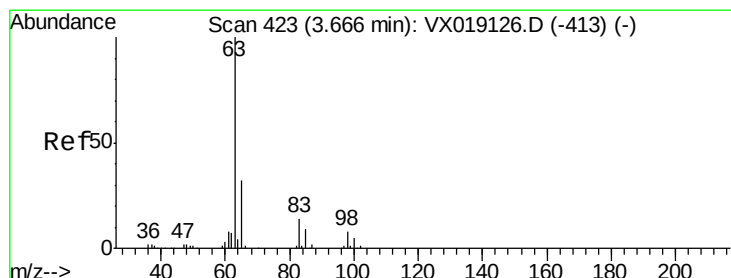
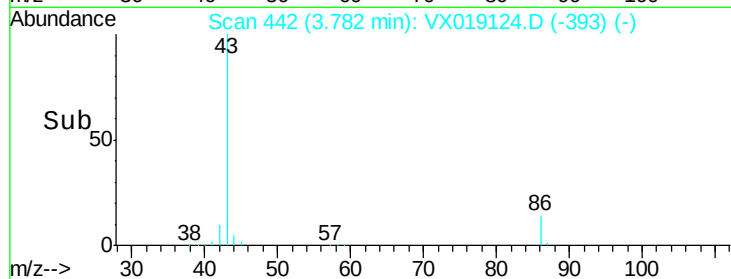
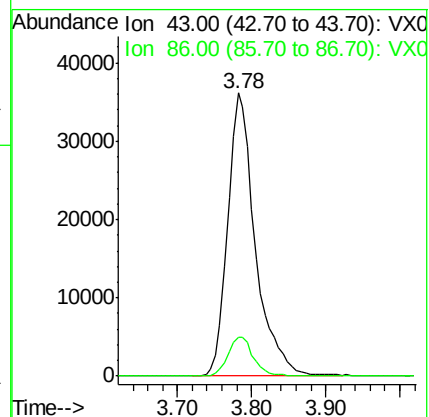
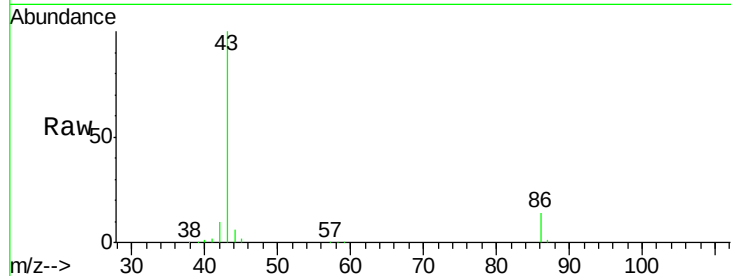
86 13.9 11.9 17.9

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#24

1,1-Dichloroethane

Concen: 5.598 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

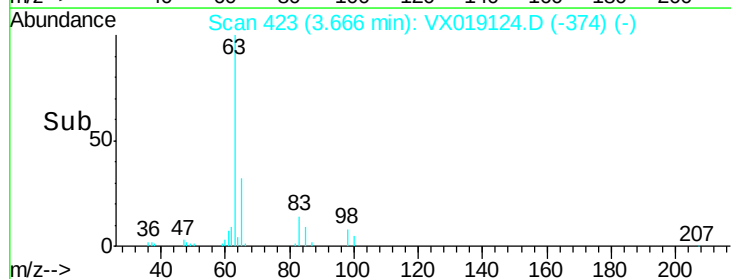
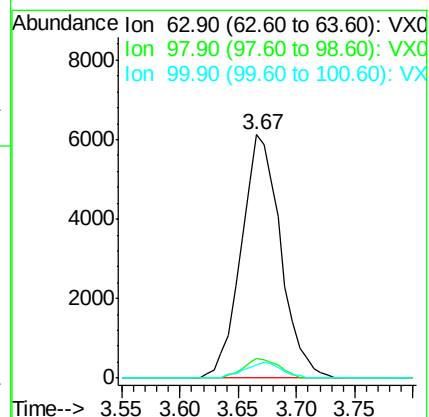
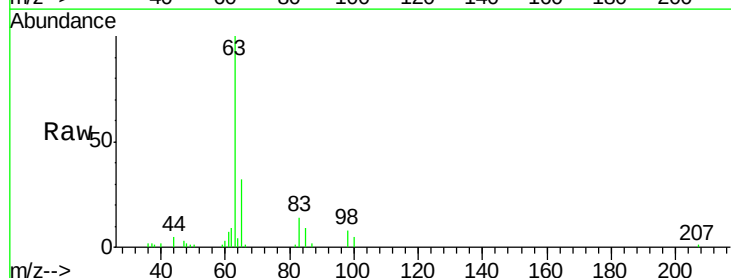
Tgt Ion: 63 Resp: 14370

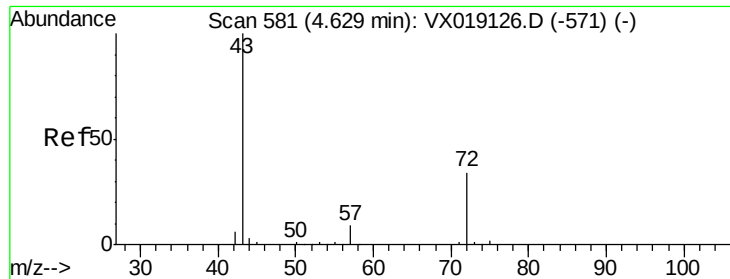
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 27.093 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 25482

Ion Ratio Lower Upper

43 100

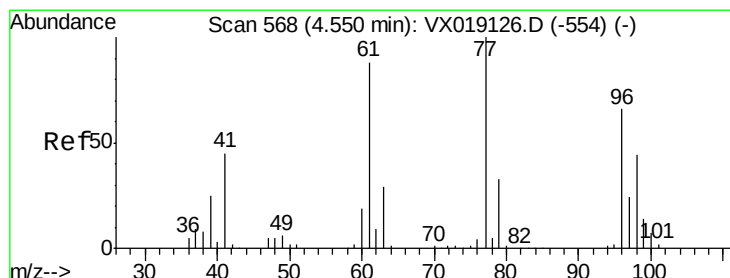
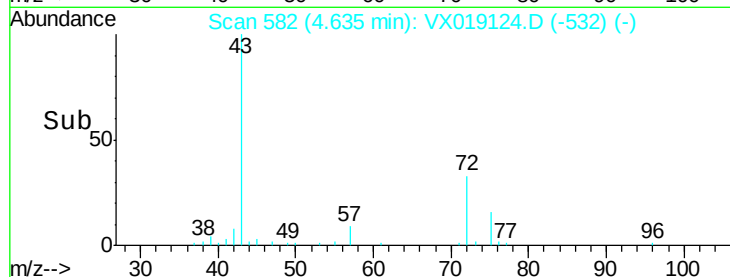
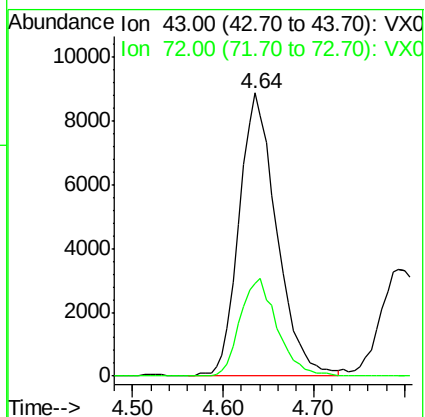
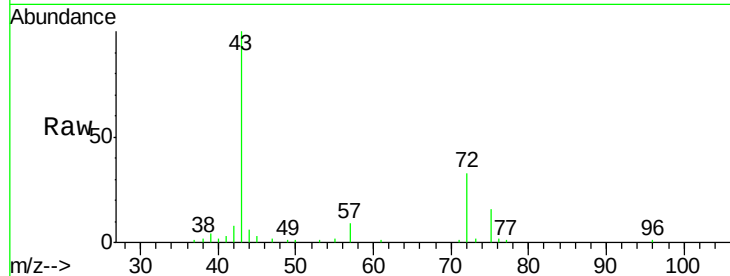
72 32.7 27.5 41.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.570 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019124.D

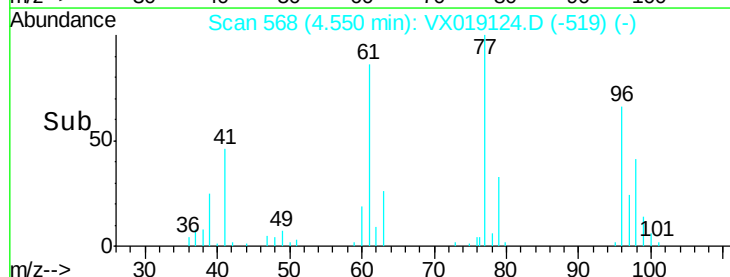
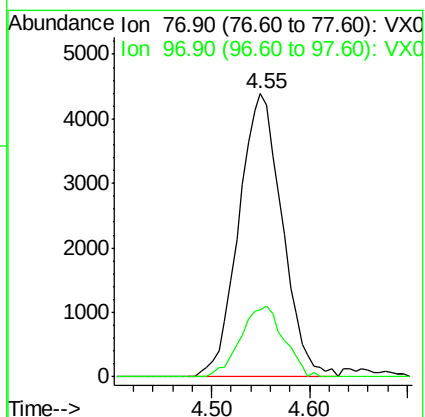
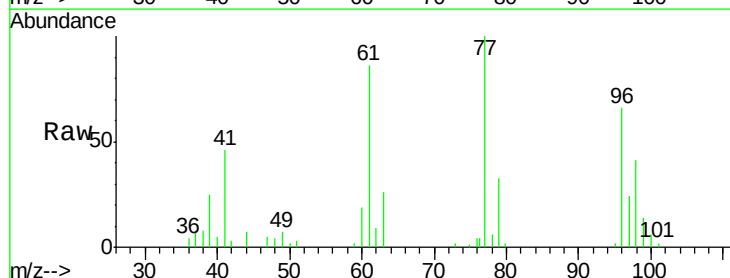
Acq: 26 Oct 2020 17:47

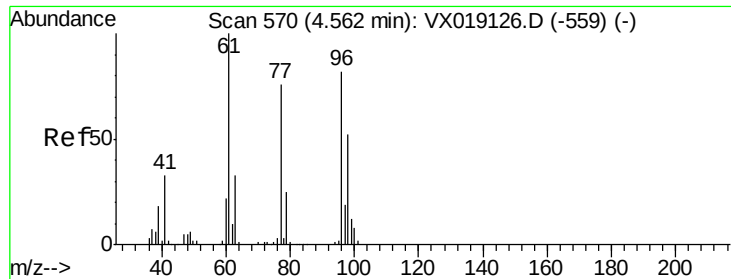
Tgt Ion: 77 Resp: 13536

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.7





#27

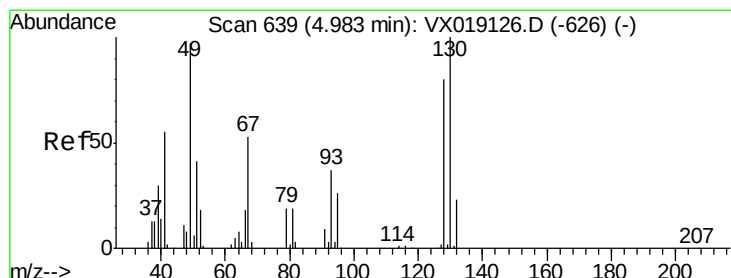
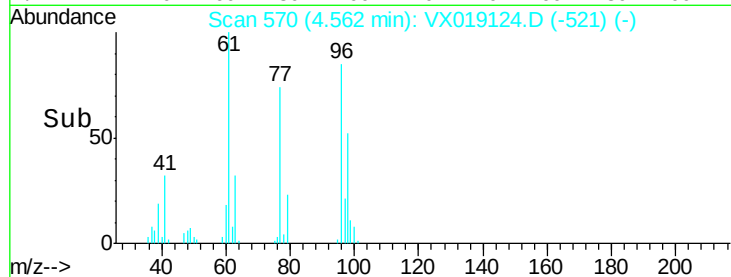
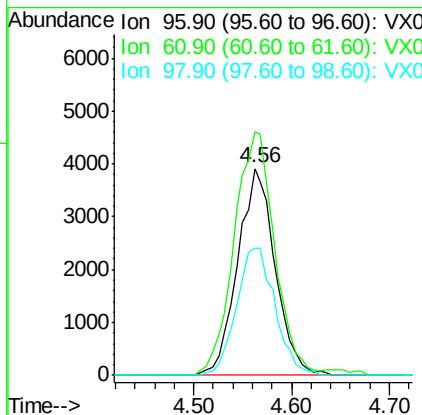
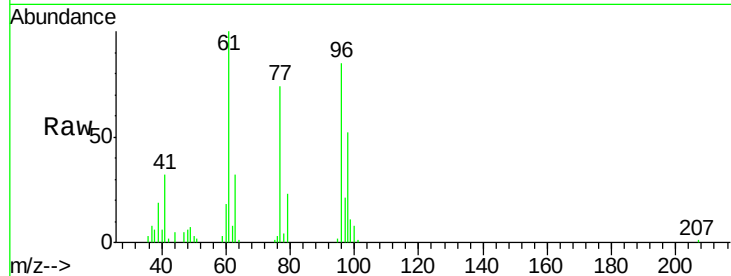
cis-1,2-Dichloroethene
Concen: 5.558 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	260.0
98	63.2	0.0	131.6

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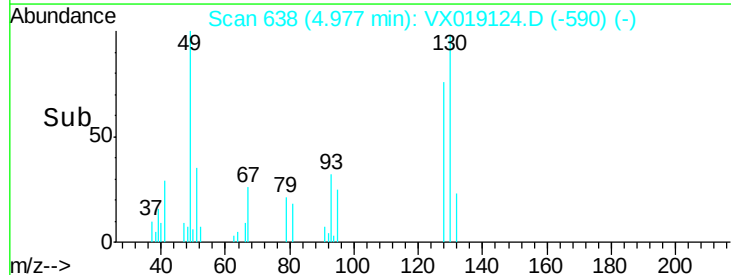
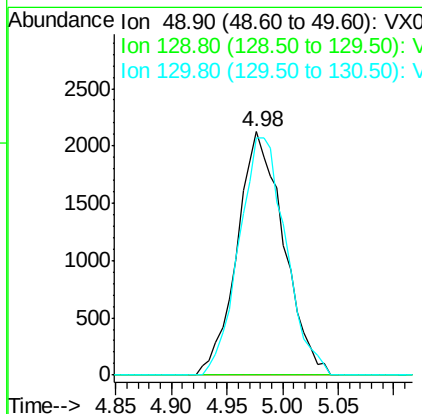
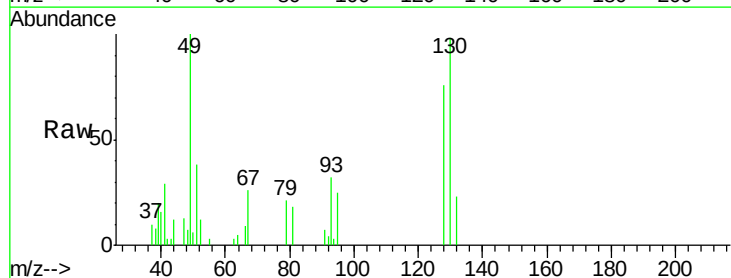
MMDadoda
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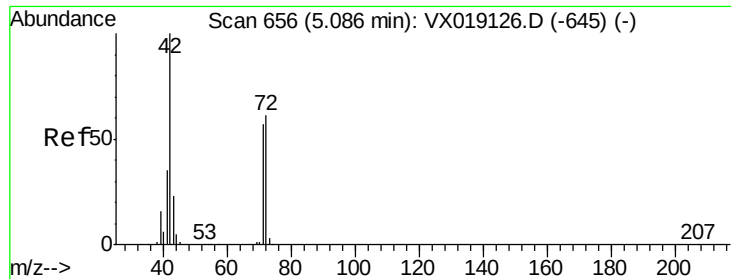


#28

Bromochloromethane
Concen: 5.583 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.2
130	98.1	81.1	121.7





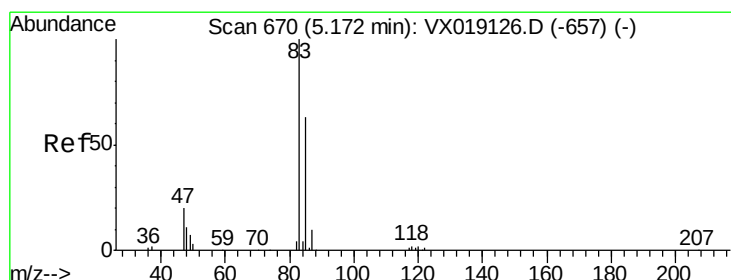
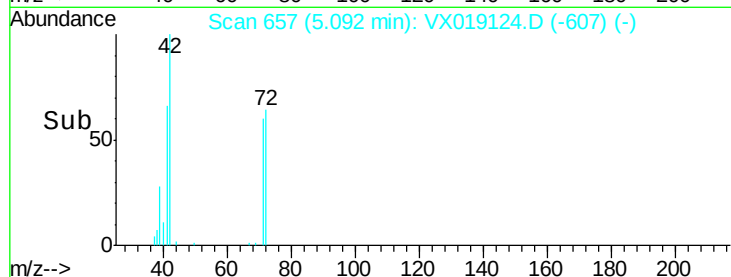
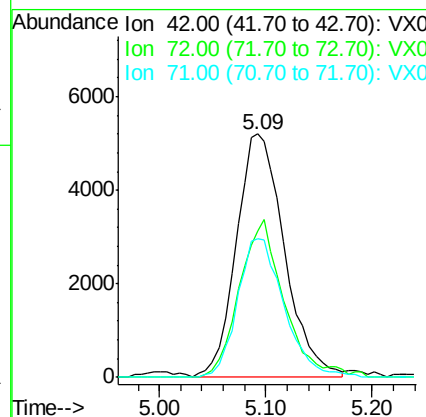
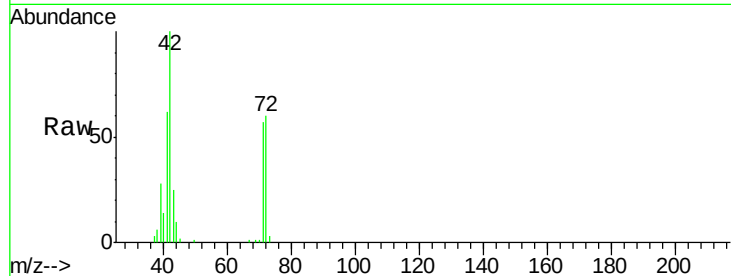
#29
Tetrahydrofuran
Concen: 27.898 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.5	49.0	73.6
71	55.1	44.9	67.3

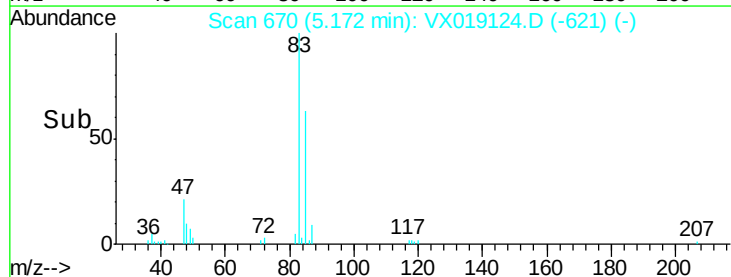
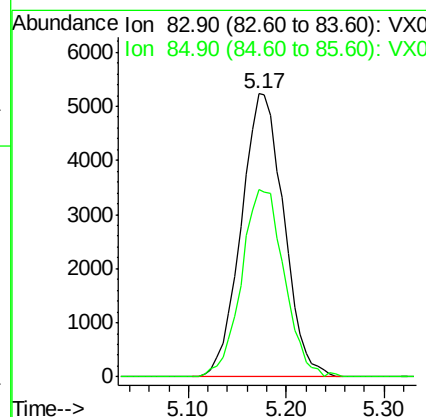
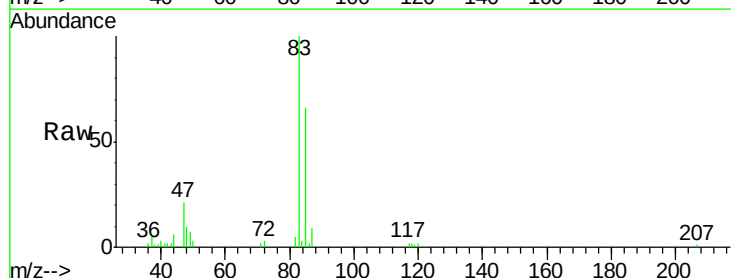
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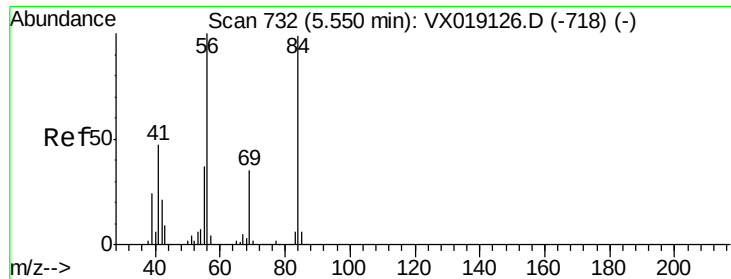
MMDadoda
10/27/2020 6:55:24 PM



#30
Chloroform
Concen: 5.517 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.3	75.5





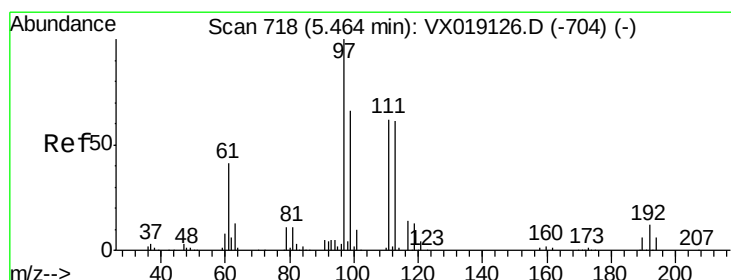
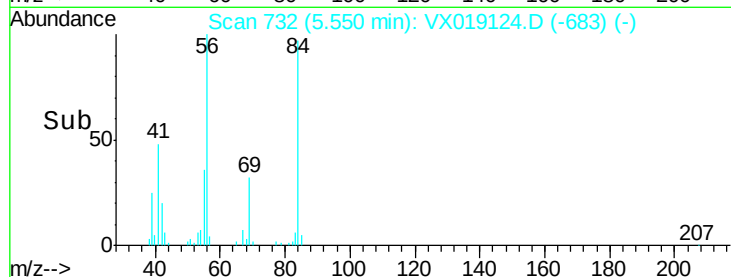
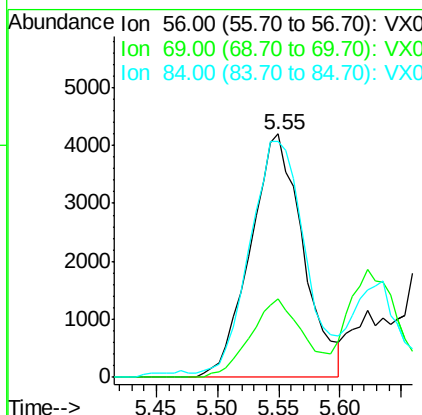
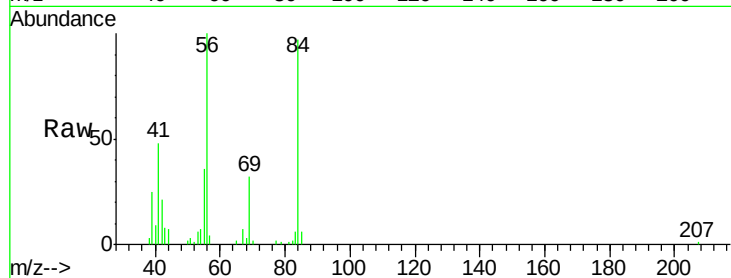
#31
Cyclohexane
Concen: 5.567 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	28.1	42.1
84	94.9	79.0	118.6

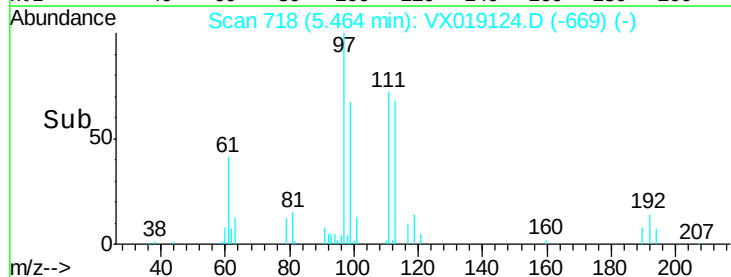
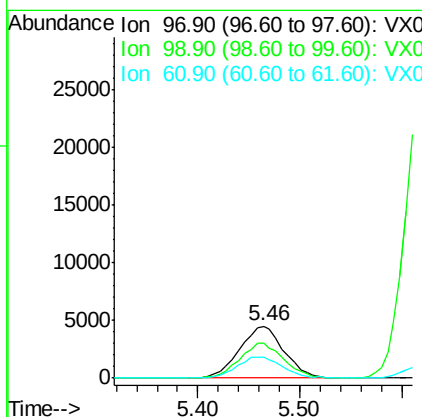
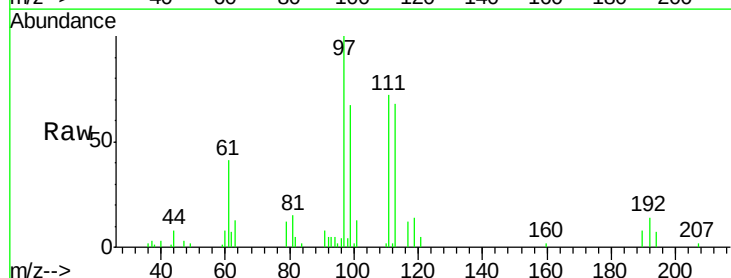
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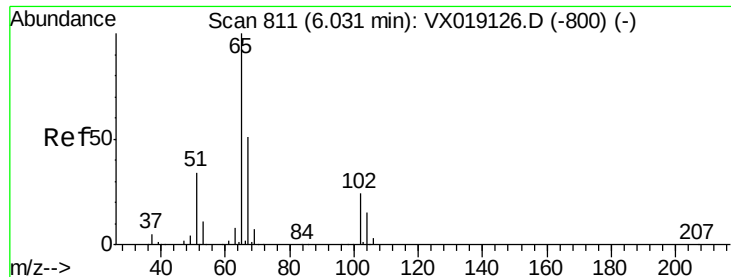
MMDadoda
10/27/2020 6:55:24 PM



#32
1,1,1-Trichloroethane
Concen: 5.393 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.8	77.8
61	41.9	32.5	48.7





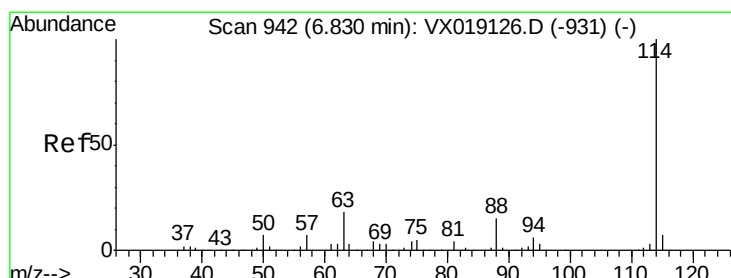
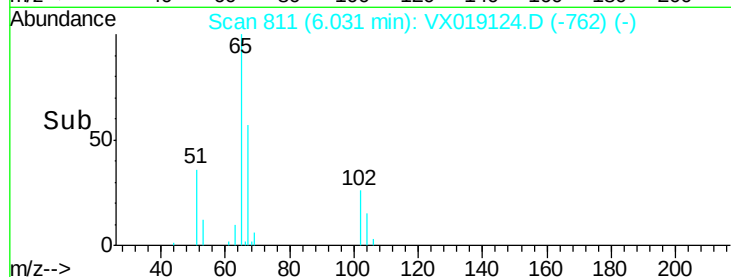
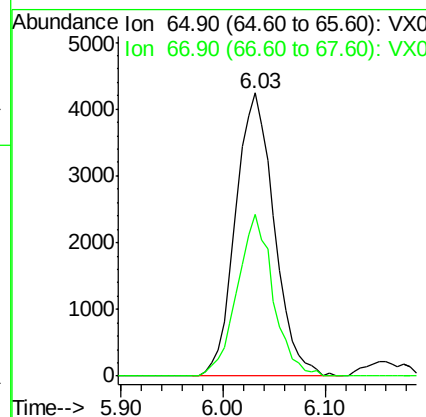
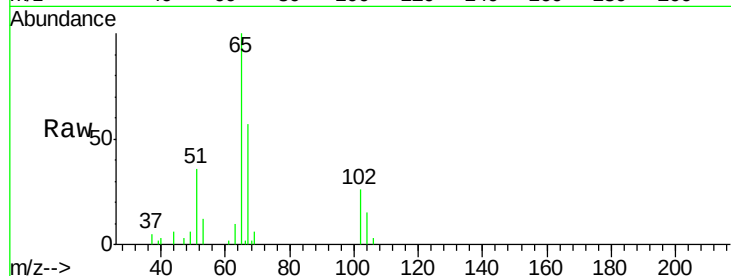
#33
 1,2-Dichloroethane-d4
 Concen: 4.911 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.0

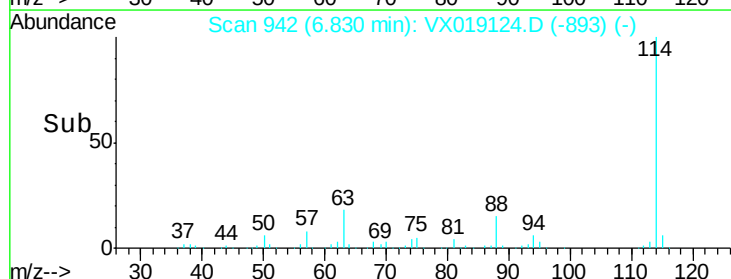
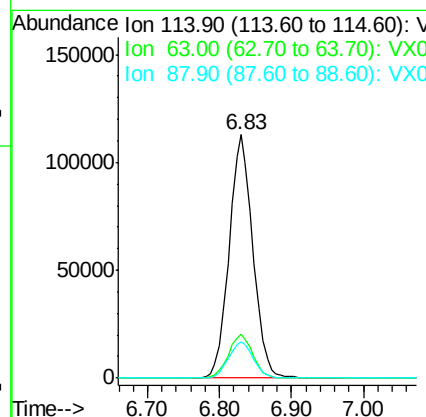
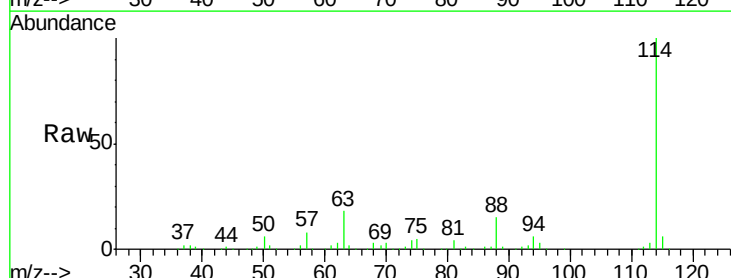
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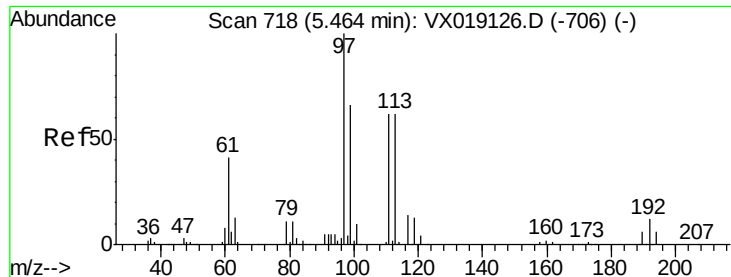
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.4
88	15.0	0.0	30.8





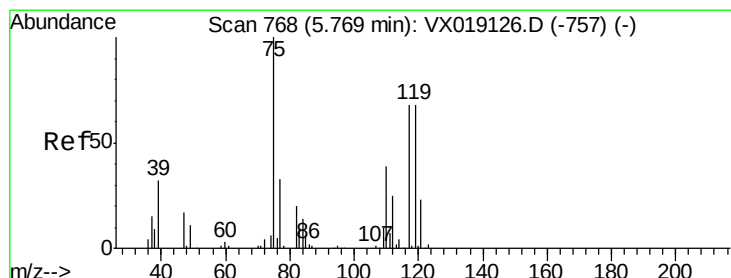
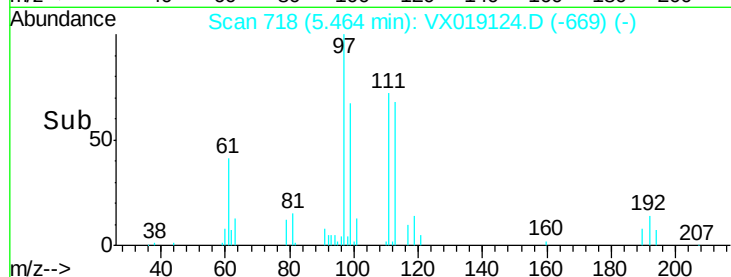
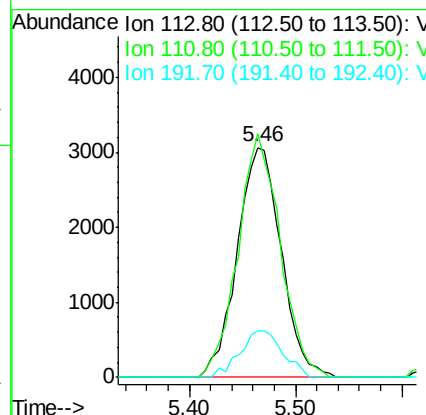
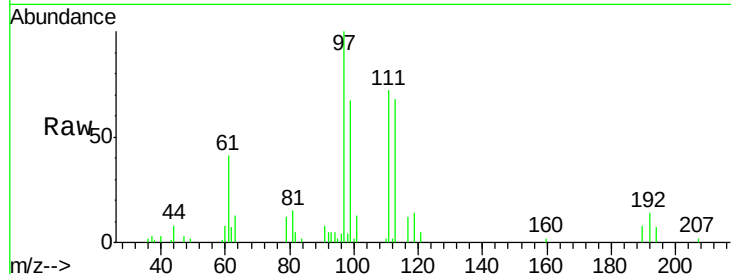
#35
Dibromofluoromethane
Concen: 4.724 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
113	100	8890		
111	101.3		81.8	122.6
192	19.7		16.1	24.1

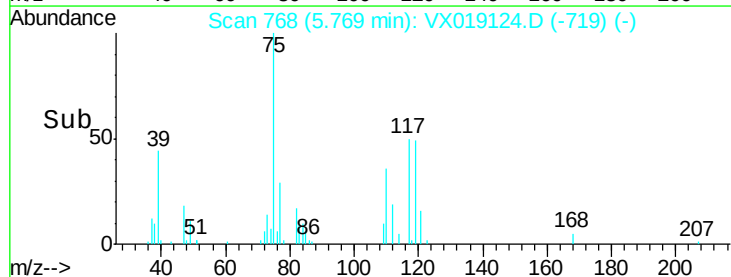
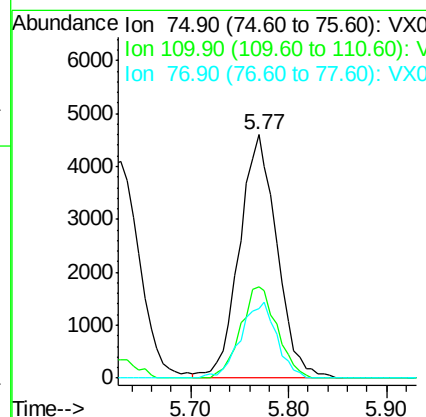
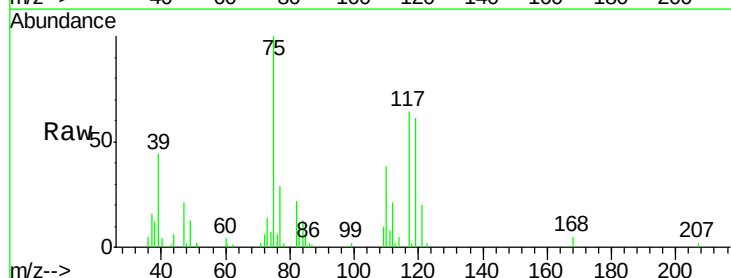
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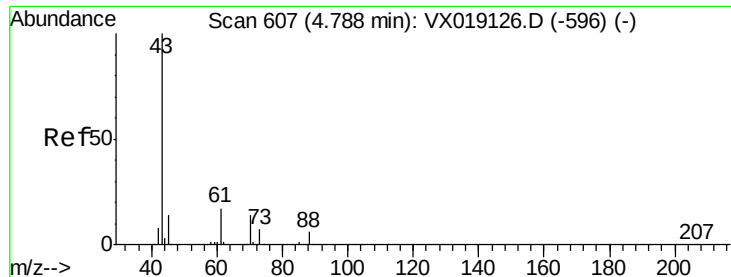
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#36
1,1-Dichloropropene
Concen: 5.526 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	12276		
110	36.2		19.3	57.9
77	30.0		25.4	38.0





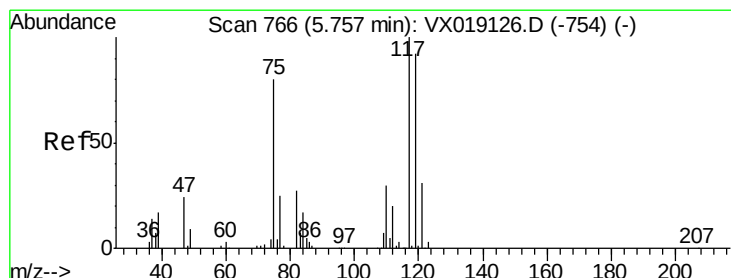
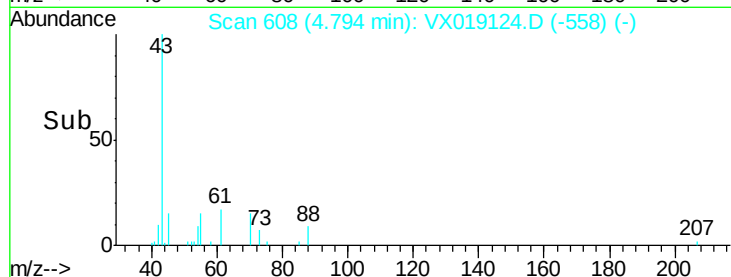
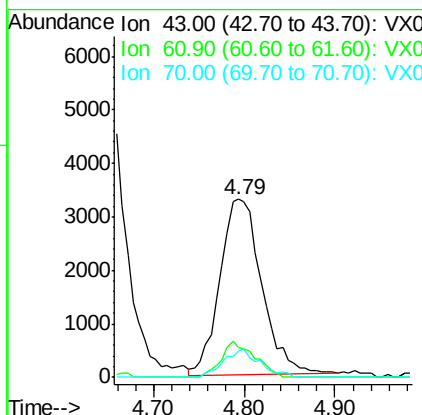
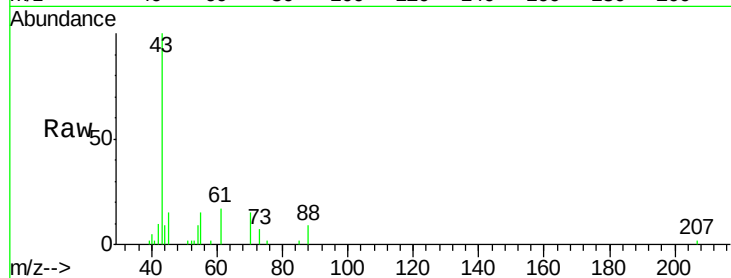
#37
Ethyl Acetate
Concen: 5.423 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.5	13.6	20.4
70	13.6	11.0	16.6

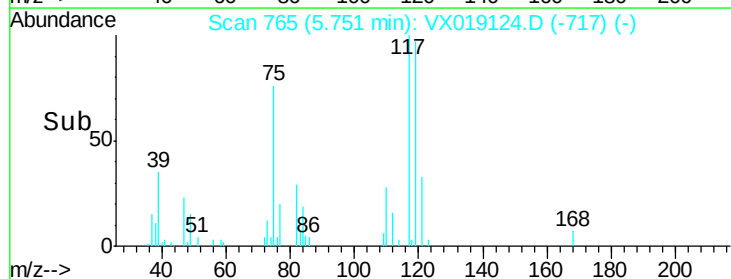
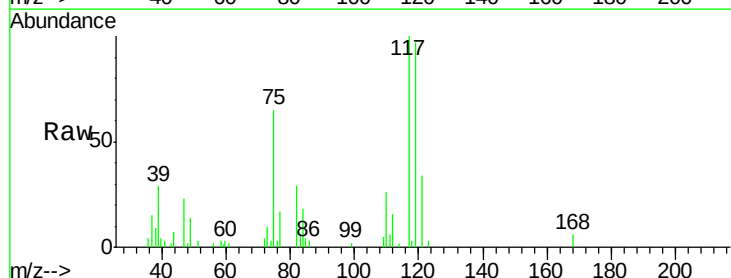
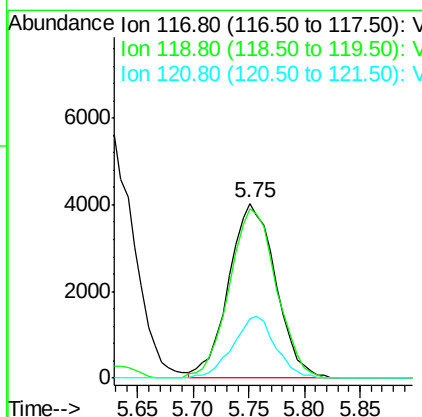
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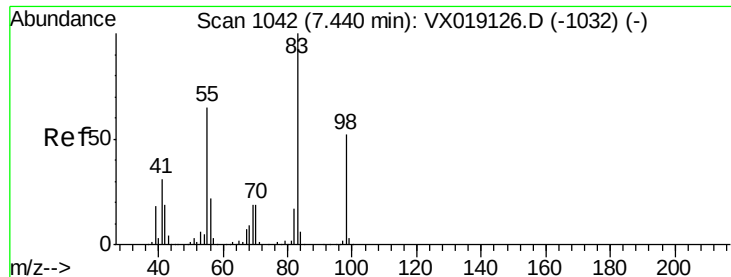
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#38
Carbon Tetrachloride
Concen: 5.264 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	73.5	110.3
121	33.6	24.3	36.5





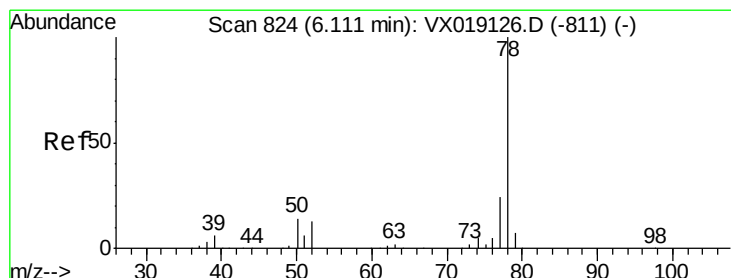
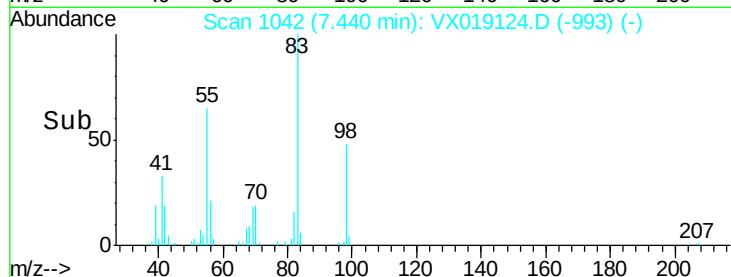
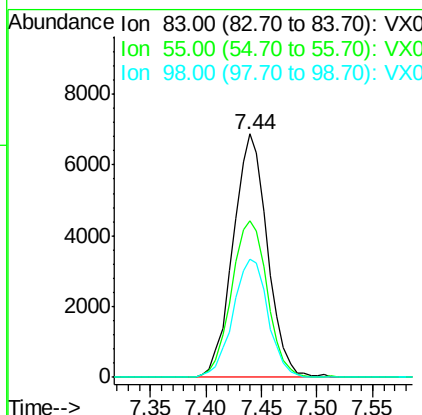
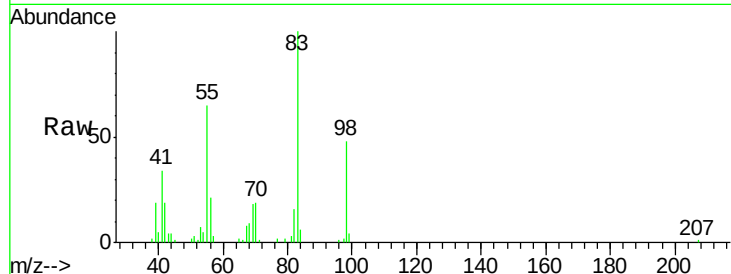
#39
Methylvlcyclohexane
Concen: 5.450 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	14719
Ion Ratio	Lower	Upper	
83	100		
55	64.6	51.7	77.5
98	48.3	41.9	62.9

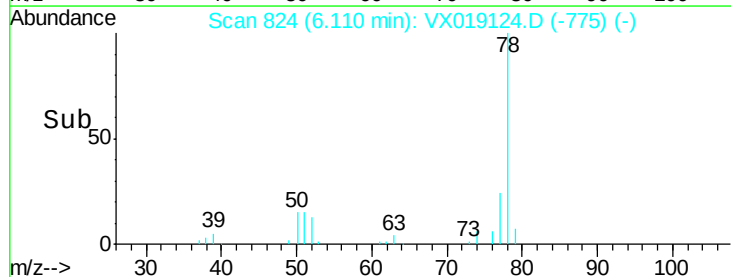
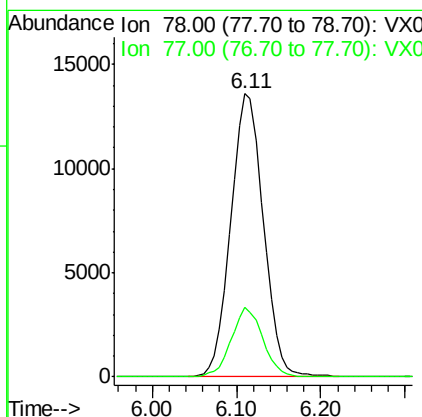
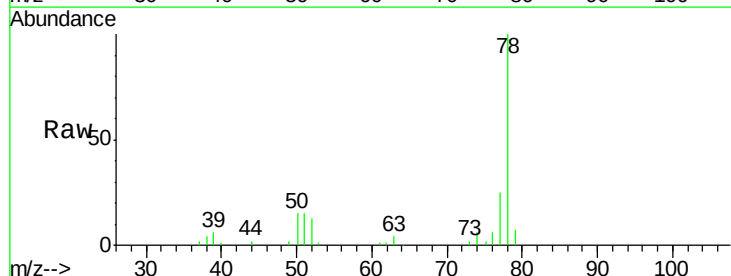
Manual Integrations
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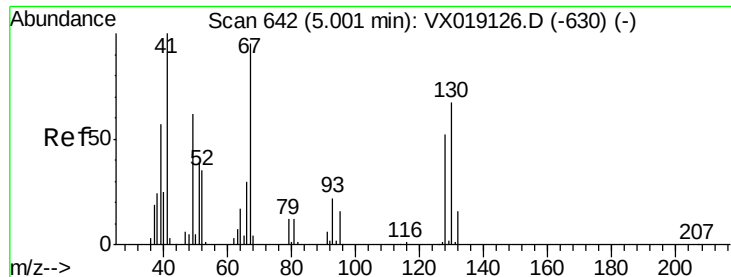
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#40
Benzene
Concen: 5.461 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	78	Resp	35657
Ion Ratio	Lower	Upper	
78	100		
77	24.7	19.5	29.3





#41

Methacrylonitrile

Concen: 5.349 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

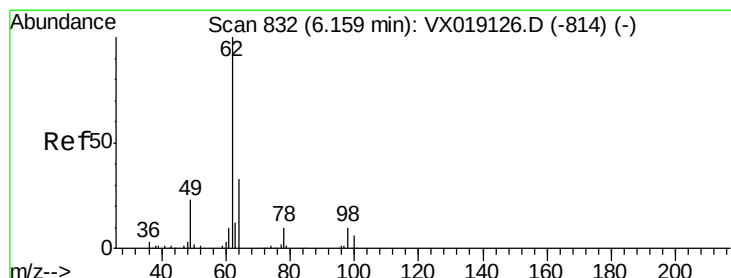
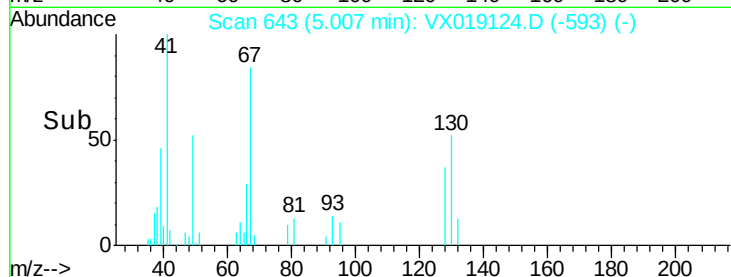
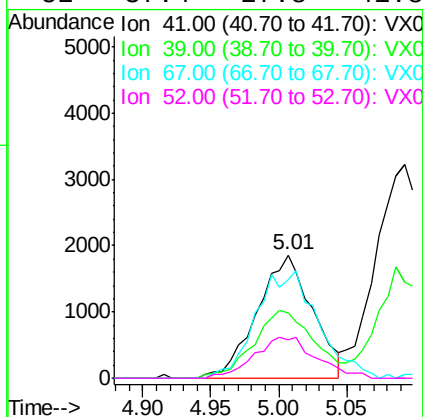
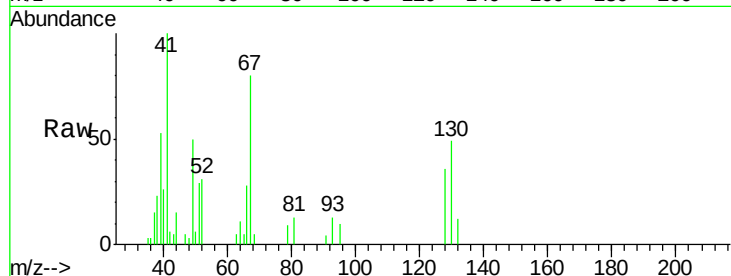
ClientSampleId :

VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.0	44.7	67.1	
67	98.0	75.3	112.9	
52	37.4	27.8	41.8	

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#42

1,2-Dichloroethane

Concen: 5.518 ug/l

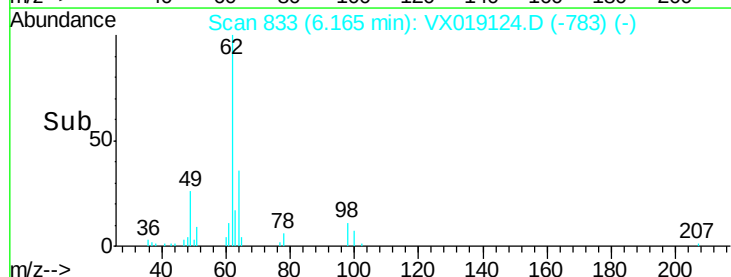
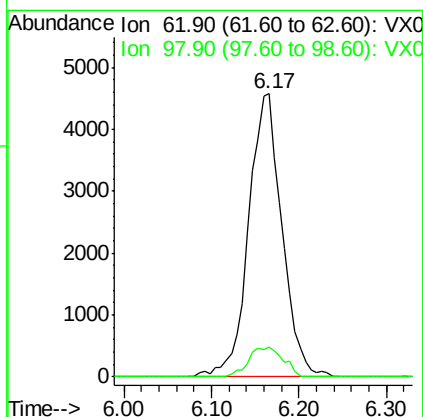
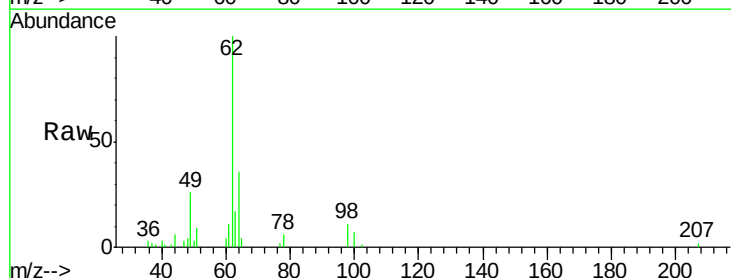
RT: 6.17 min Scan# 833

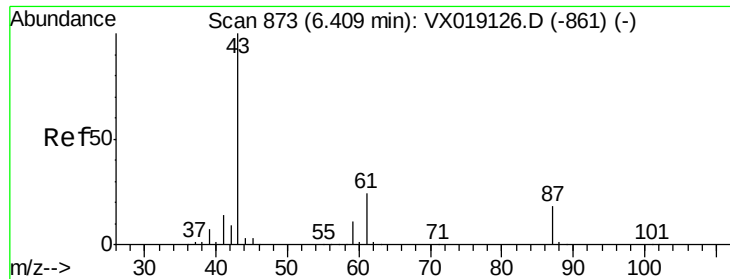
Delta R.T. 0.01 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.0	0.0	21.0	





#43

Isopropyl Acetate

Concen: 5.393 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

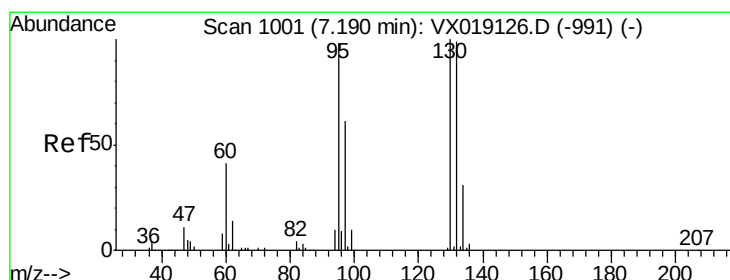
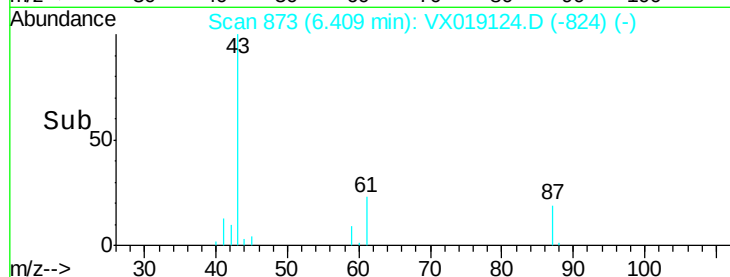
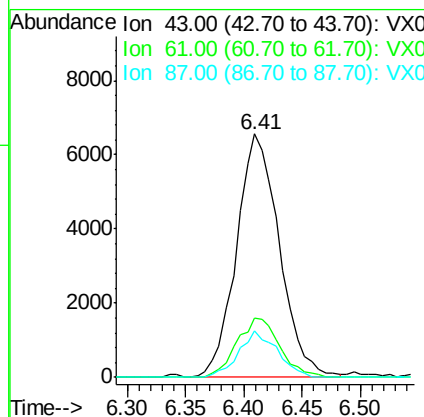
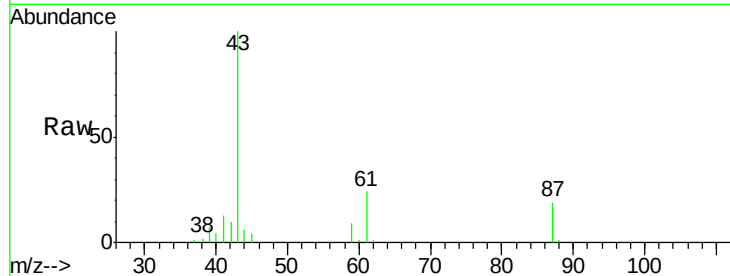
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	16847
Ion	Ratio	Lower	Upper
43	100		
61	24.2	19.0	28.4
87	17.1	14.3	21.5

Manual Integrations
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#44

Trichloroethene

Concen: 5.463 ug/l

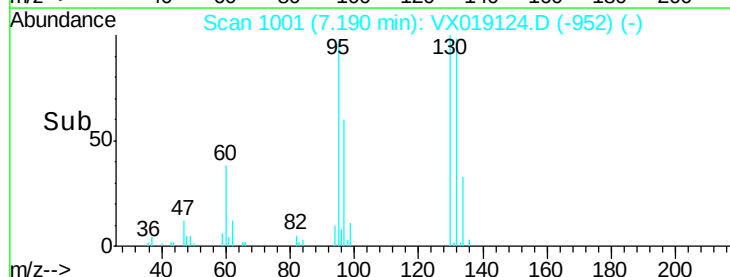
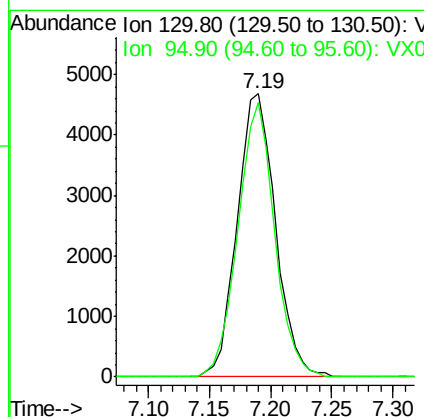
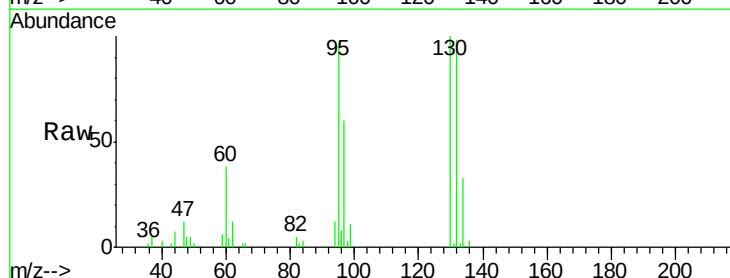
RT: 7.19 min Scan# 1001

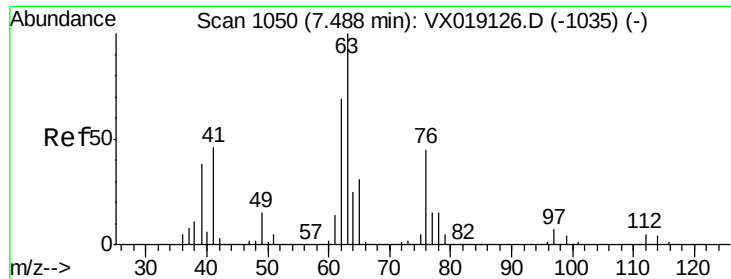
Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Tgt Ion:	130	Resp:	10190
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	195.6





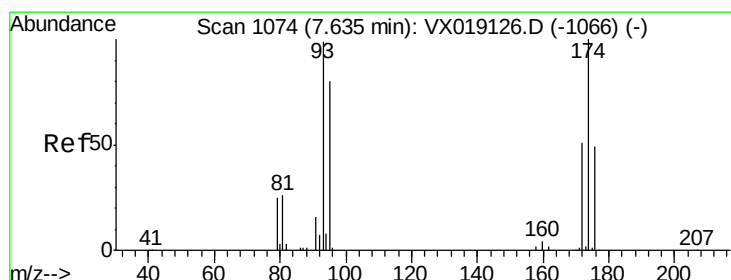
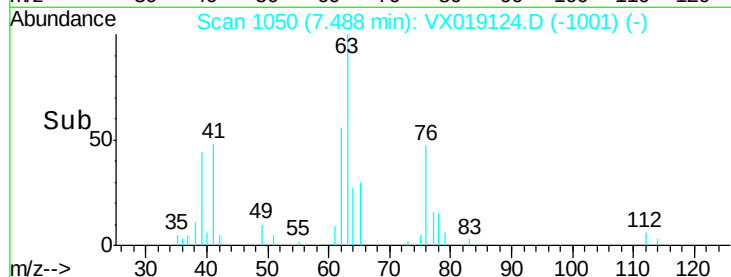
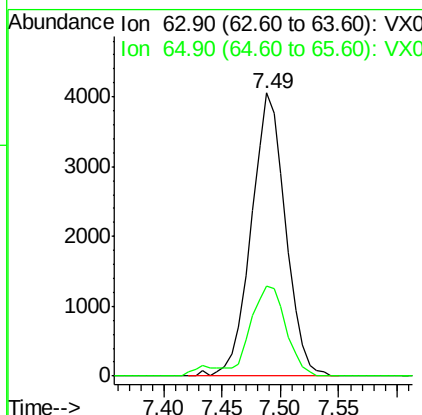
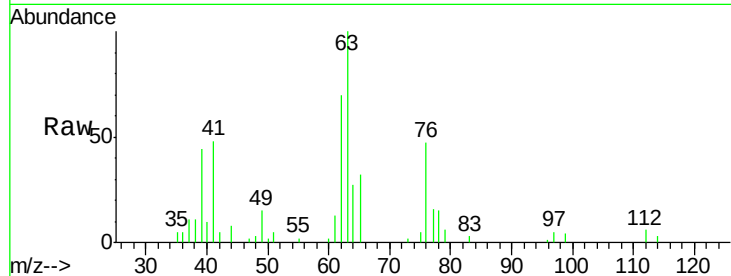
#45
 1,2-Dichloropropane
 Concen: 5.466 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 8269
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.4

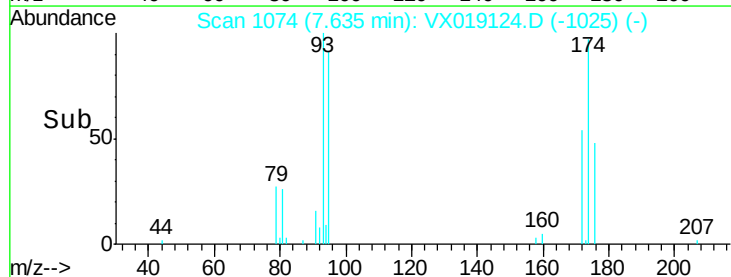
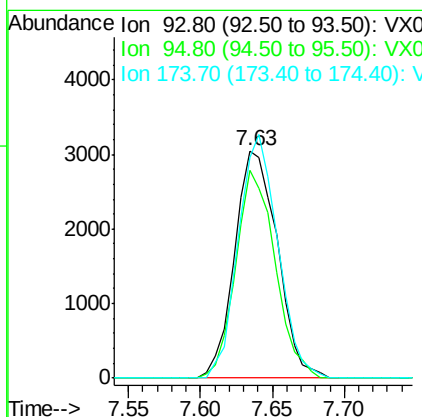
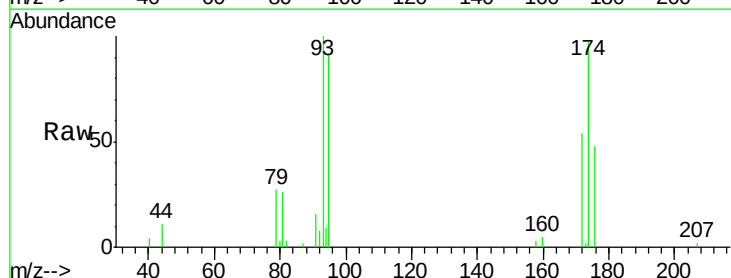
Manual Integrations
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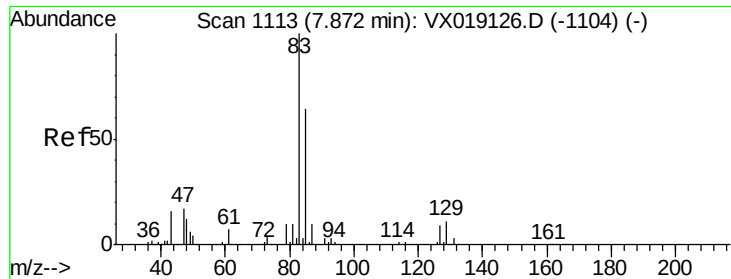
MMDadoda
 10/27/2020 6:55:24 PM



#46
 Dibromomethane
 Concen: 5.497 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Tgt Ion: 93 Resp: 6276
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.6 100.0
 174 98.9 84.5 126.7





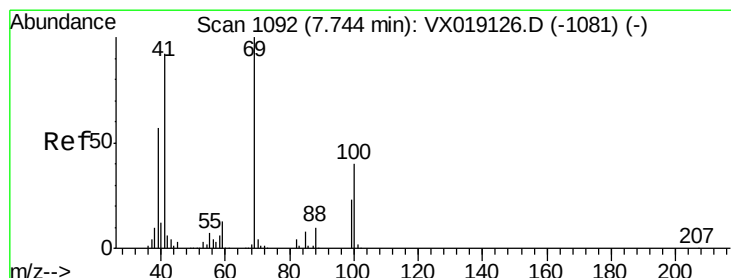
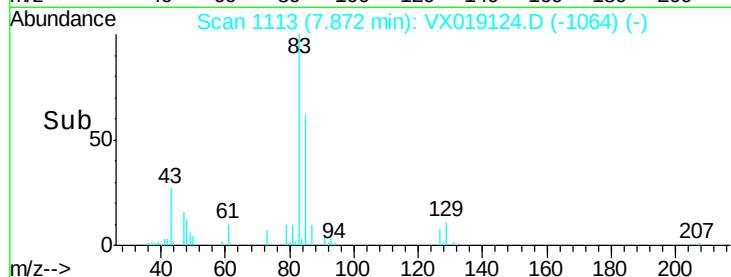
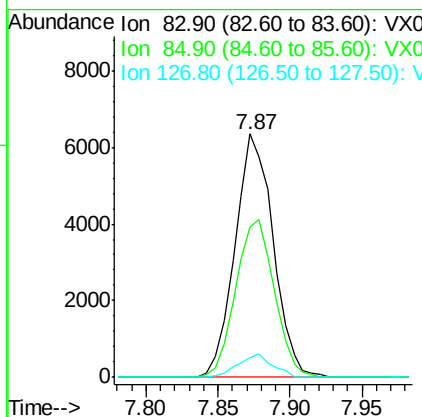
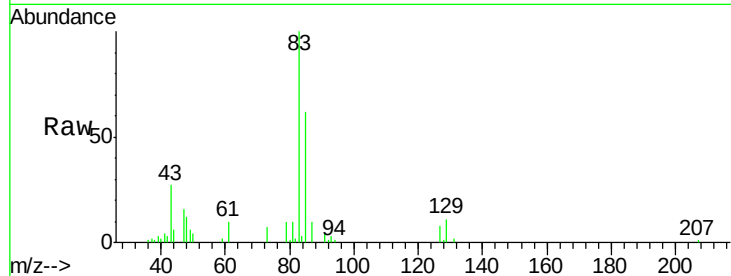
#47
Bromodichloromethane
Concen: 5.353 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	11694
Ion Ratio	100	Lower	Upper
83	100		
85	61.9	51.2	76.8
127	8.2	7.4	11.2

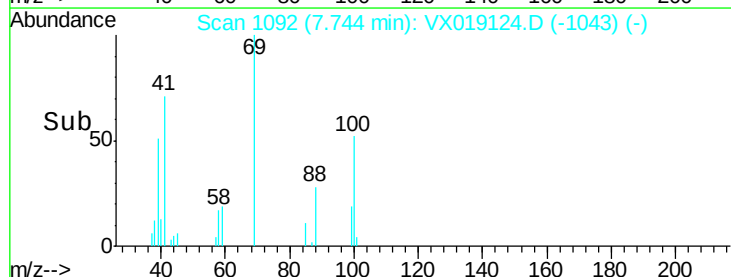
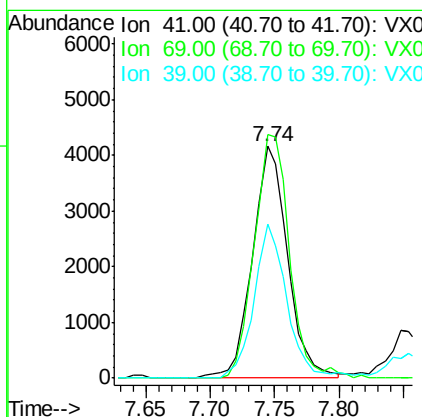
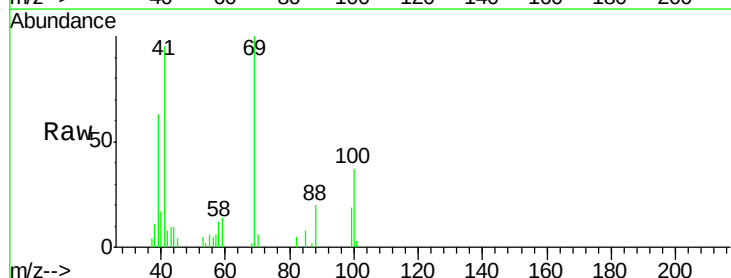
Manual Integrations
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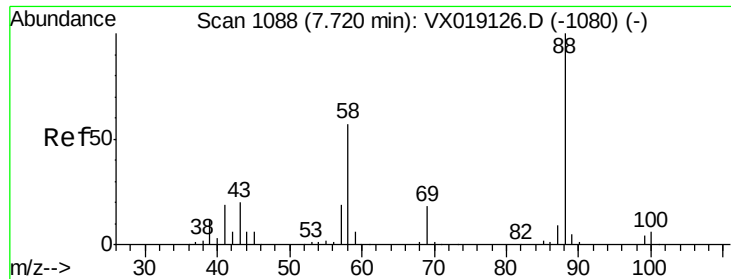
MMDadoda
10/27/2020 6:55:24 PM



#48
Methyl methacrylate
Concen: 5.407 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	41	Resp	7840
Ion Ratio	100	Lower	Upper
41	100		
69	105.7	86.3	129.5
39	62.0	49.7	74.5





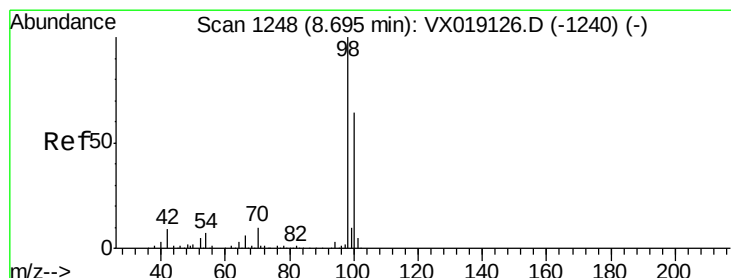
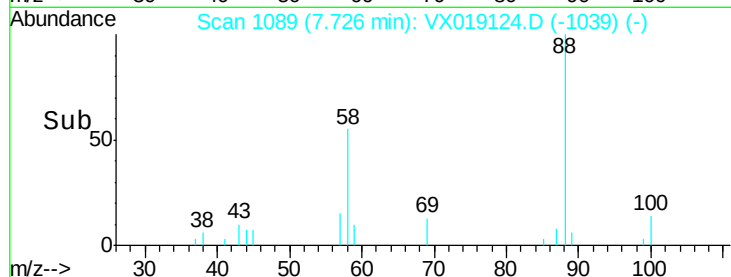
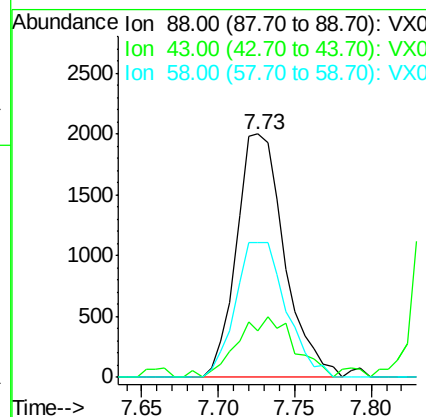
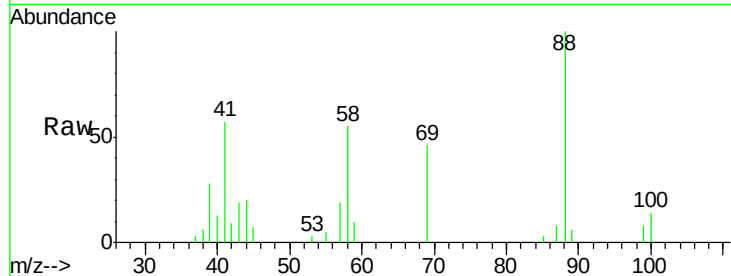
#49
1,4-Dioxane
Concen: 112.909 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	19.7	29.5#
58	58.5	47.8	71.6

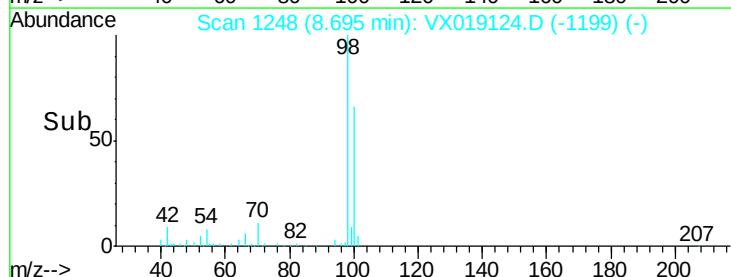
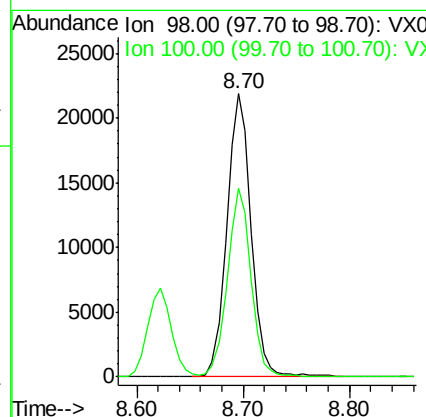
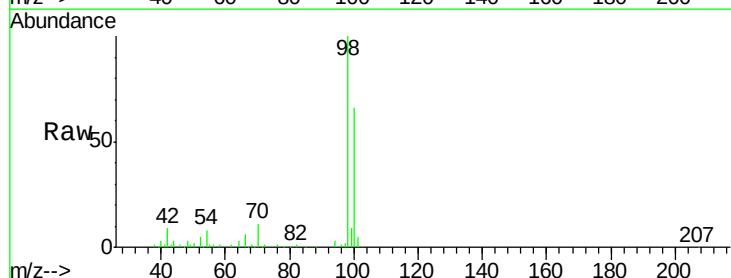
Manual Integrations
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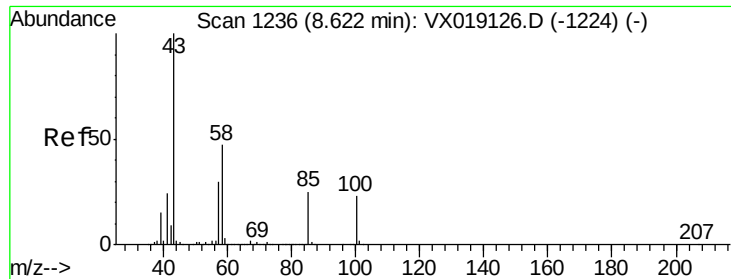
MMDadoda
10/27/2020 6:55:24 PM



#50
Toluene-d8
Concen: 4.990 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.1	79.7





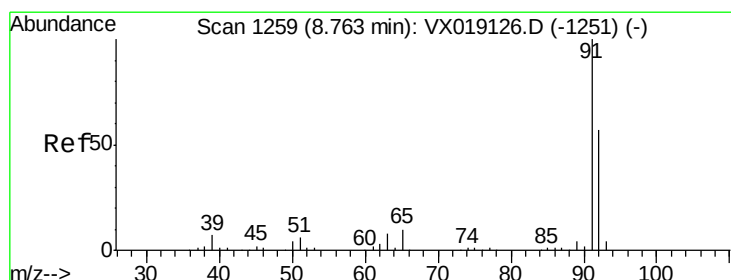
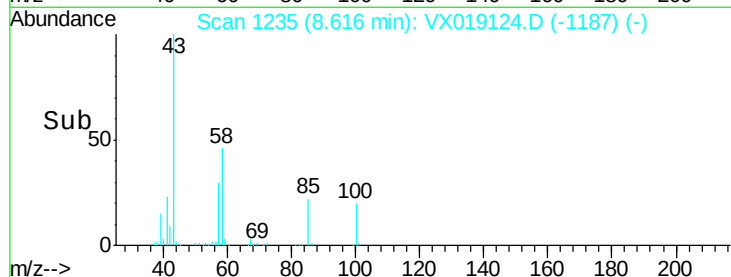
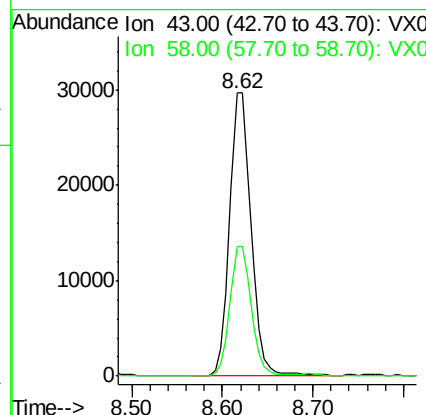
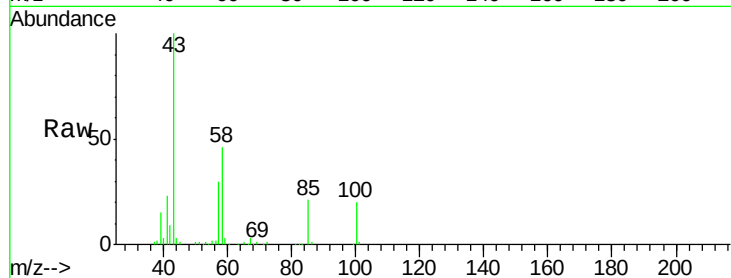
#51
 4-Methyl-2-Pentanone
 Concen: 27.365 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 43 Resp: 49332
 Ion Ratio Lower Upper
 43 100
 58 45.3 37.3 55.9

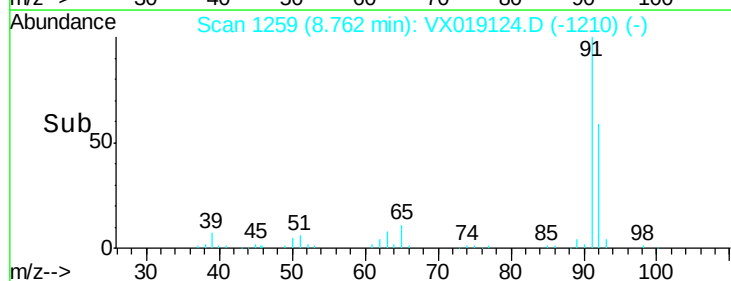
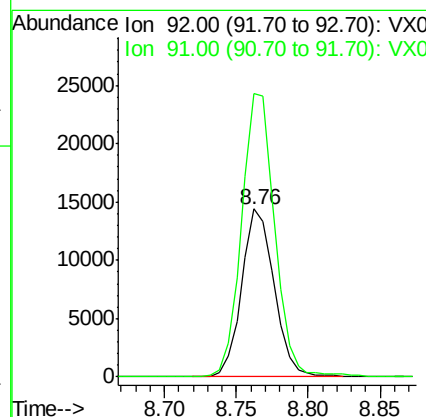
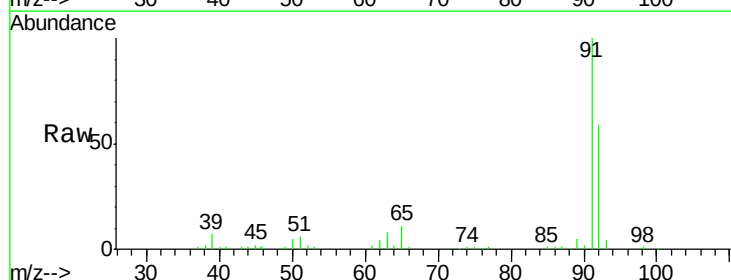
Manual Integrations
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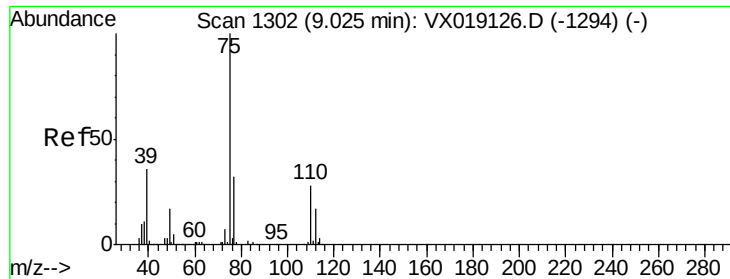
MMDadoda
 10/27/2020 6:55:24 PM



#52
 Toluene
 Concen: 5.411 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Tgt Ion: 92 Resp: 22545
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.4 207.6





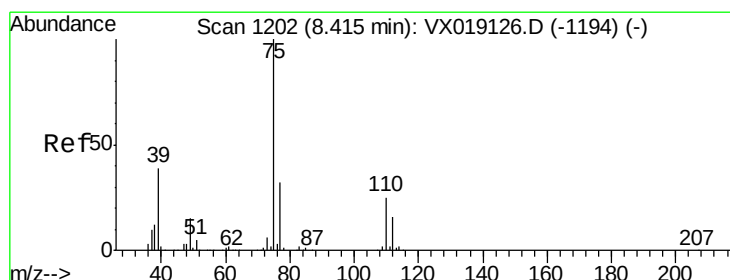
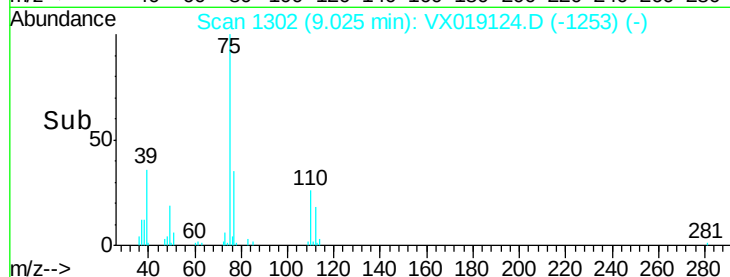
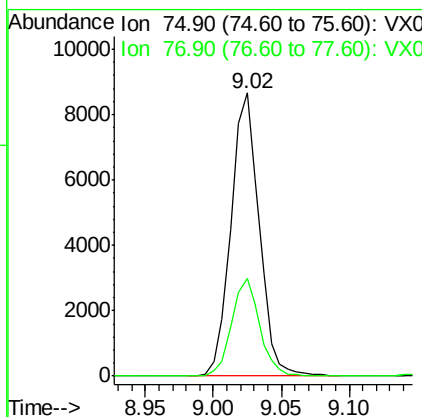
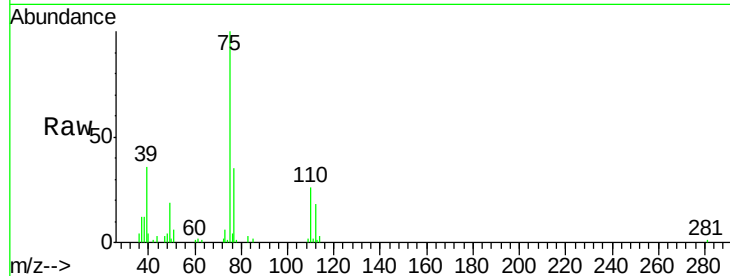
#53
t-1,3-Dichloropropene
Concen: 5.252 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.4	38.2

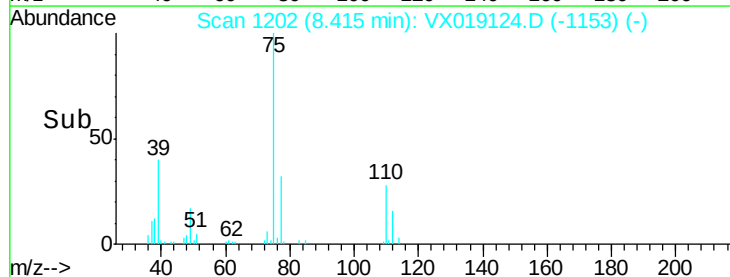
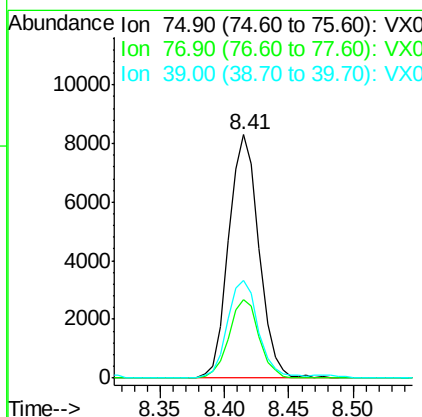
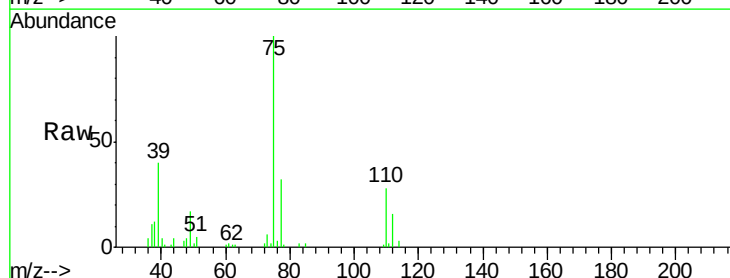
Manual Integrations
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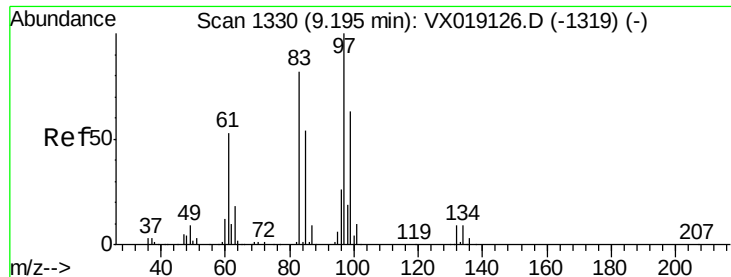
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 5.311 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2
39	40.3	31.0	46.6





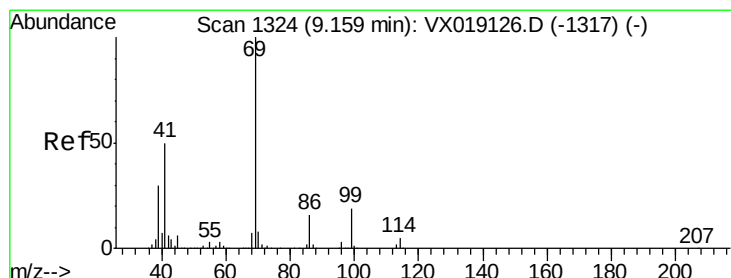
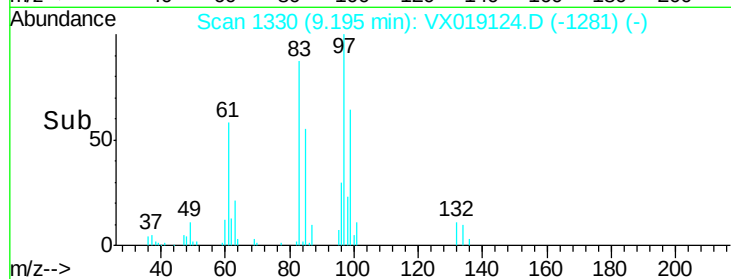
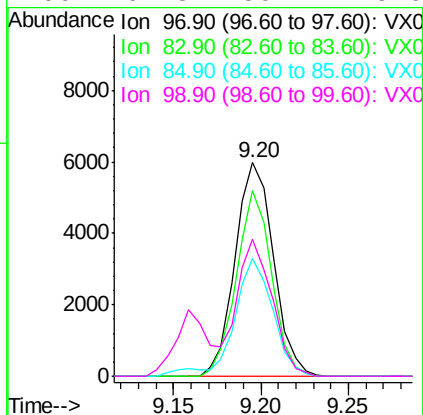
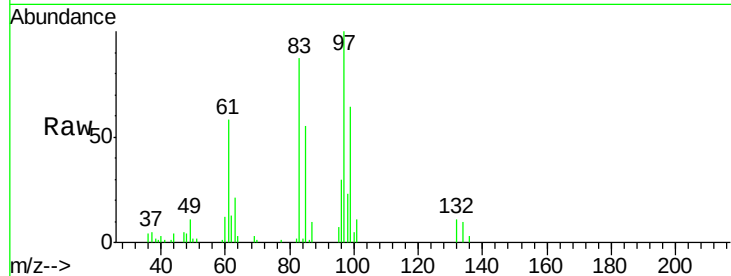
#55
 1,1,2-Trichloroethane
 Concen: 5.516 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	9142
Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.6	98.4
85	55.2	43.4	65.2
99	64.3	50.4	75.6

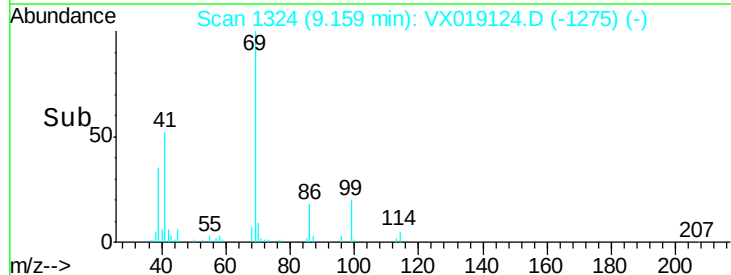
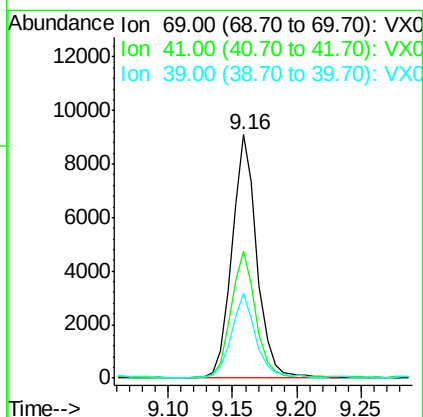
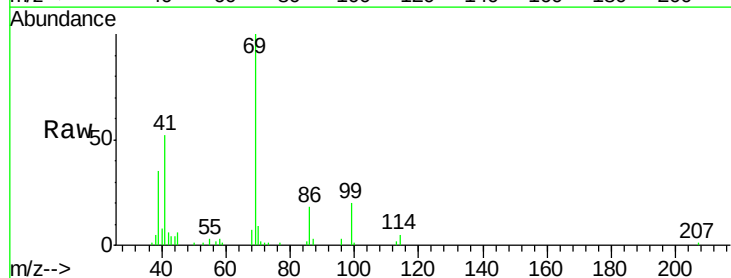
Manual Integrations
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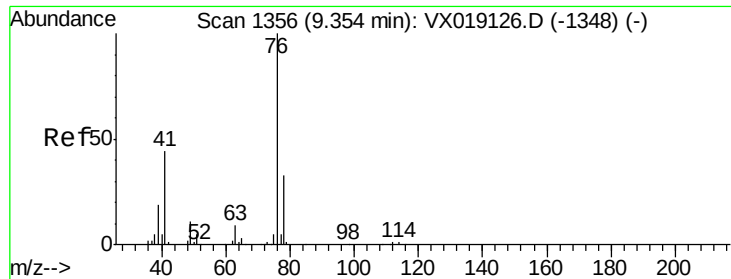
MMDadoda
 10/27/2020 6:55:24 PM



#56
 Ethyl methacrylate
 Concen: 5.315 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Tgt Ion:	69	Resp:	12323
Ion	Ratio	Lower	Upper
69	100		
41	52.6	40.3	60.5
39	34.2	24.6	37.0





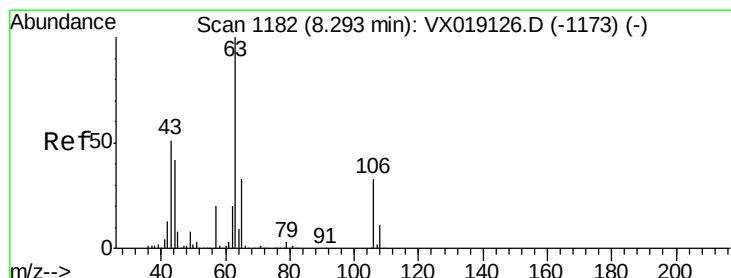
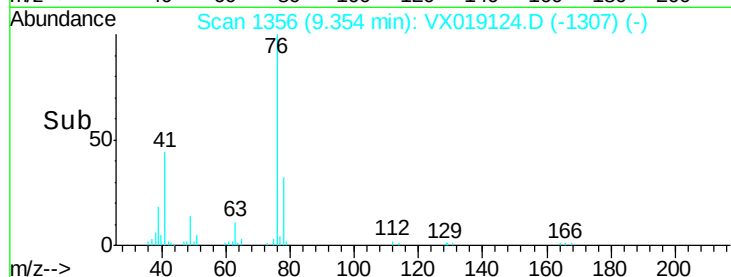
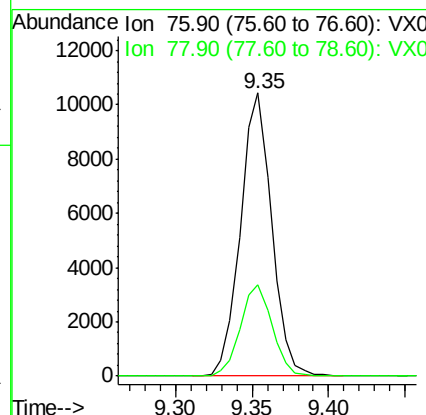
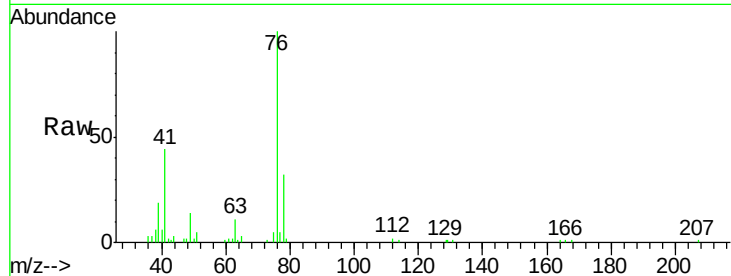
#57
 1,3-Dichloropropane
 Concen: 5.408 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 76 Resp: 14758
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

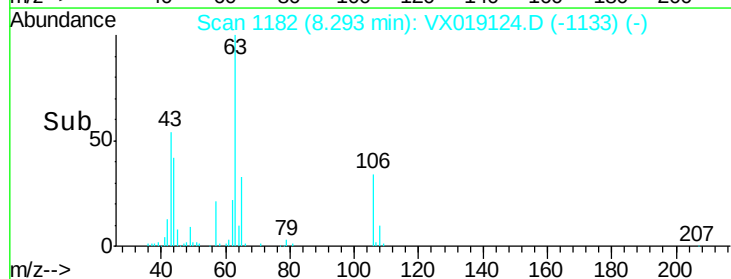
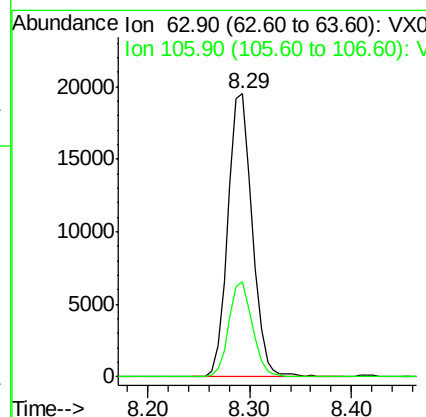
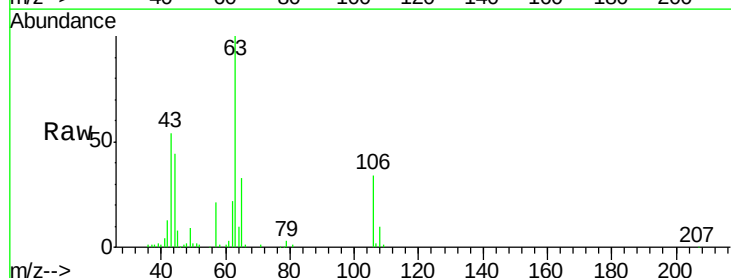
Manual Integrations
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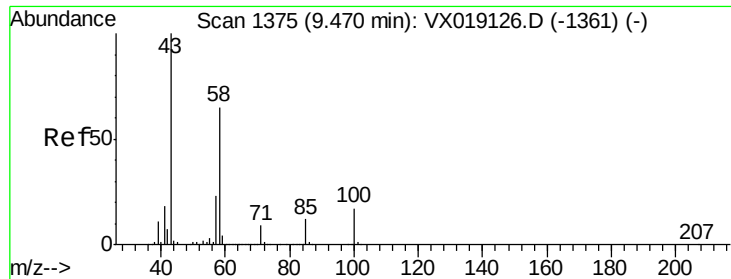
MMDadoda
 10/27/2020 6:55:24 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.907 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Tgt Ion: 63 Resp: 32257
 Ion Ratio Lower Upper
 63 100
 106 32.5 26.2 39.4





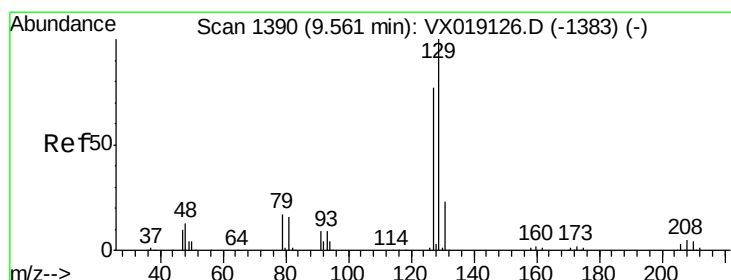
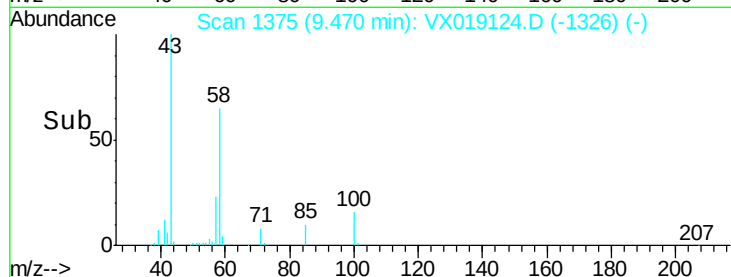
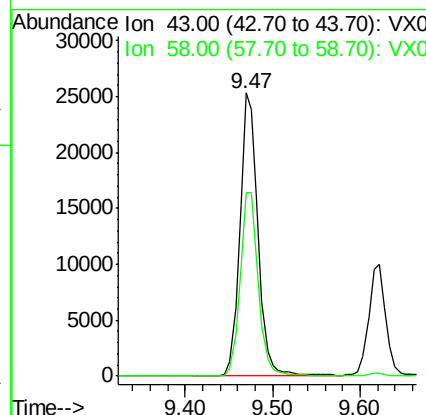
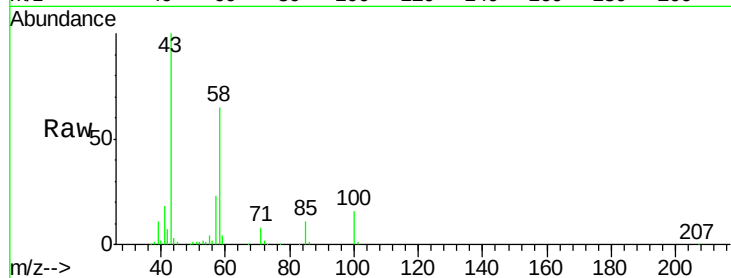
#59
2-Hexanone
Concen: 27.176 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.1	33.1	99.3

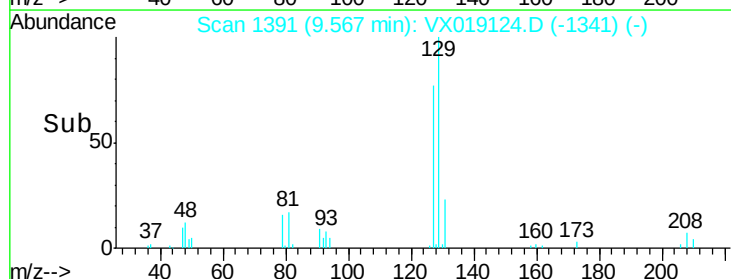
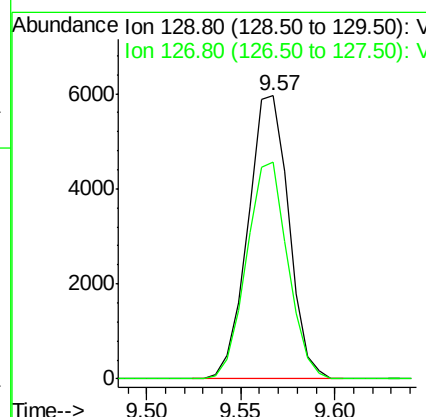
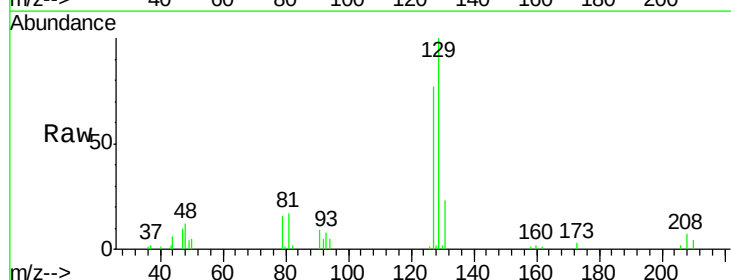
Manual Integrations
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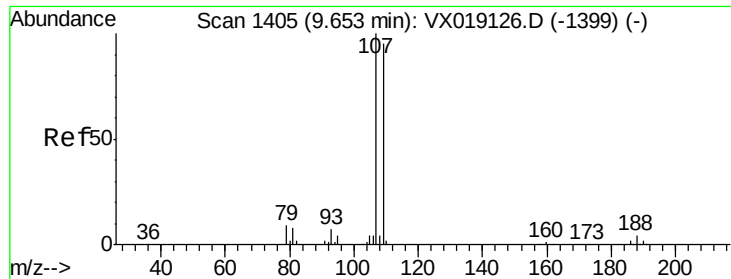
MMDadoda
10/27/2020 6:55:24 PM



#60
Dibromochloromethane
Concen: 5.309 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.5	115.5





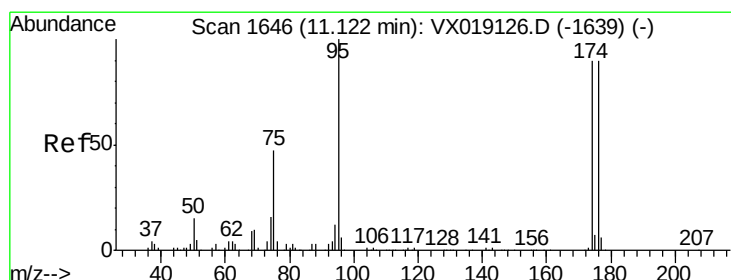
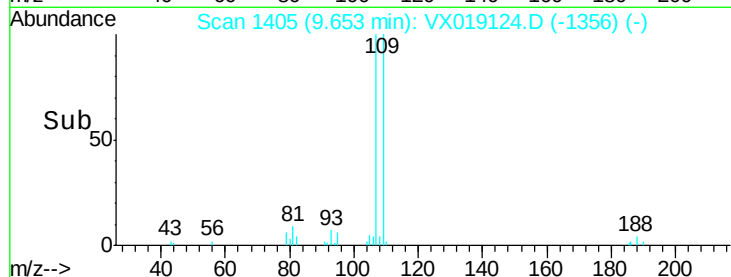
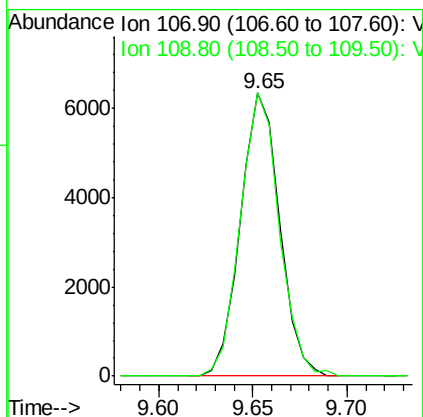
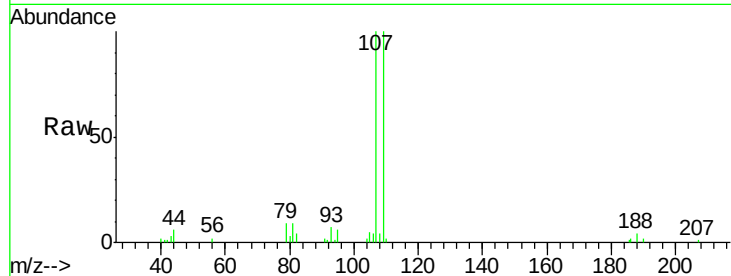
#61
 1,2-Dibromoethane
 Concen: 5.244 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 107 Resp: 9127
 Ion Ratio Lower Upper
 107 100
 109 99.5 75.7 113.5

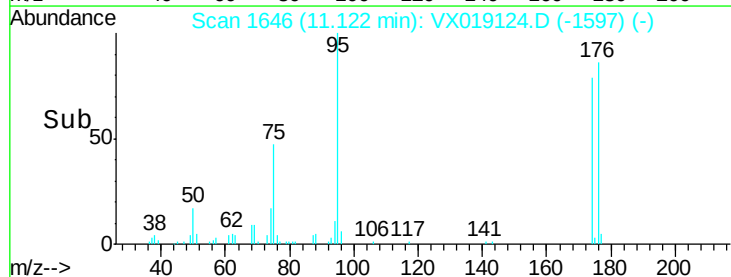
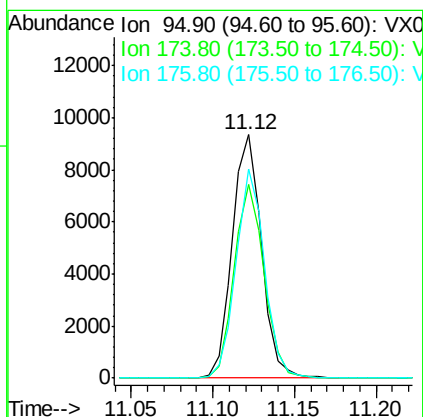
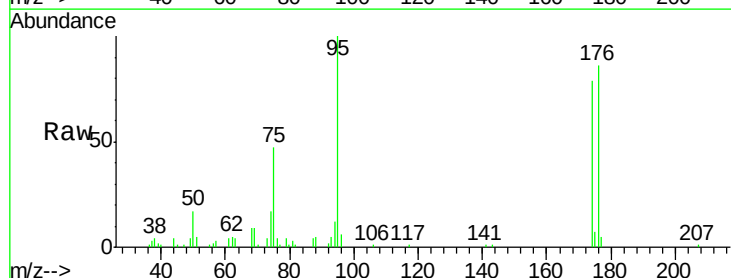
Manual Integrations
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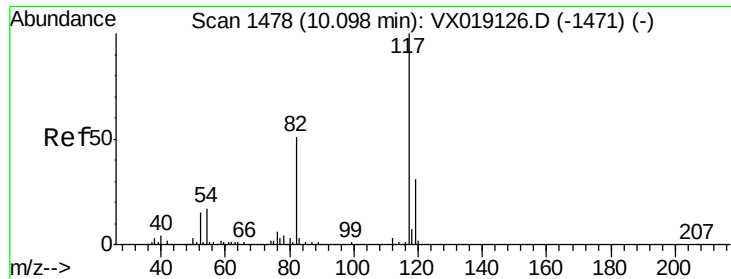
MMDadoda
 10/27/2020 6:55:24 PM



#62
 4-Bromofluorobenzene
 Concen: 4.975 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Tgt Ion: 95 Resp: 11640
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 169.6
 176 83.7 0.0 169.2





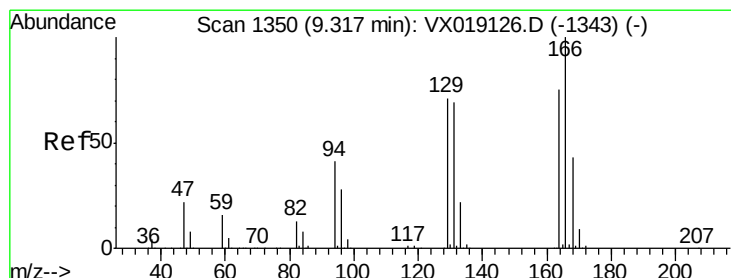
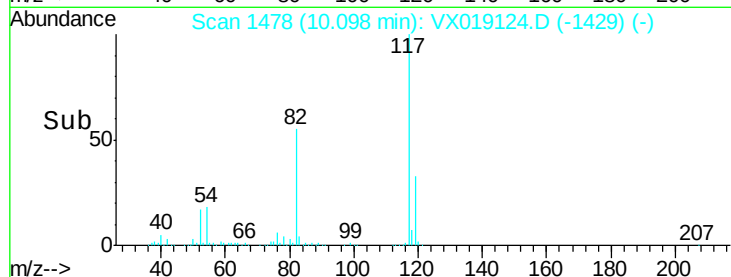
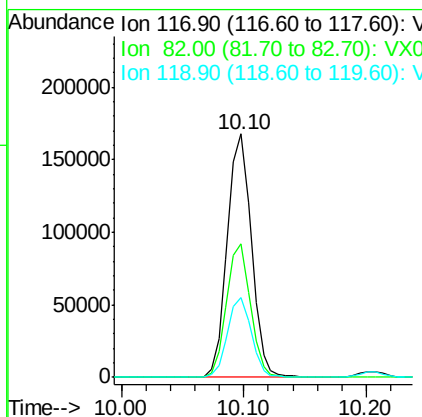
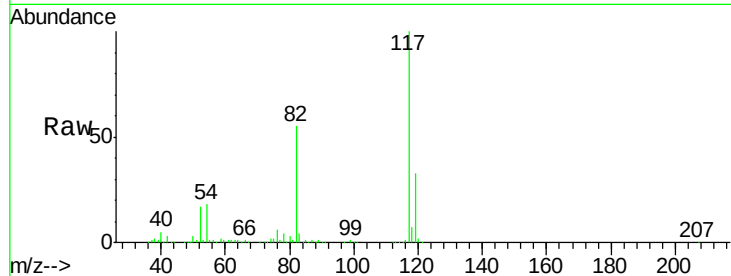
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	229941		
82	54.7		40.6	60.8
119	33.0		24.7	37.1

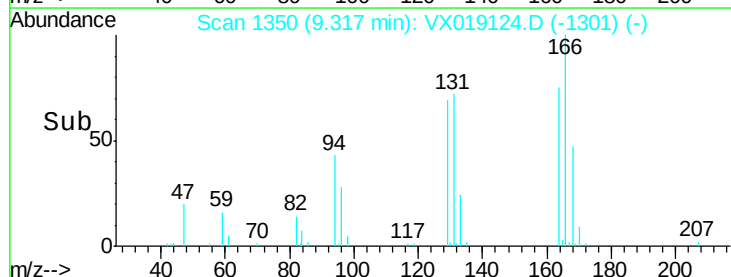
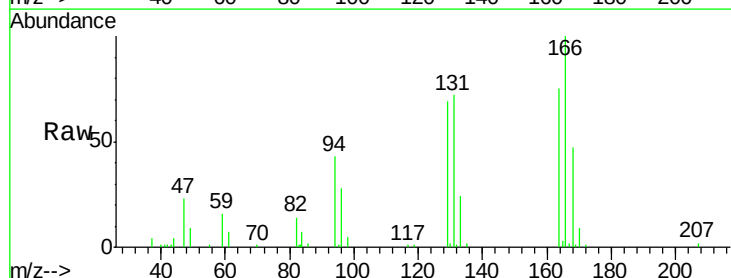
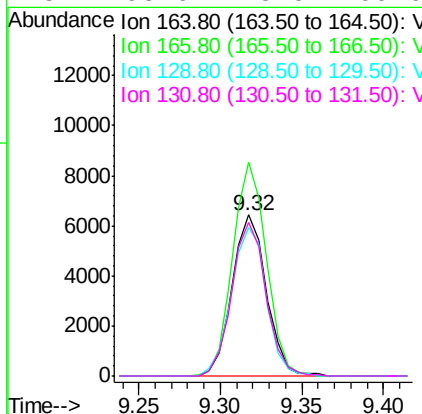
Manual Integrations
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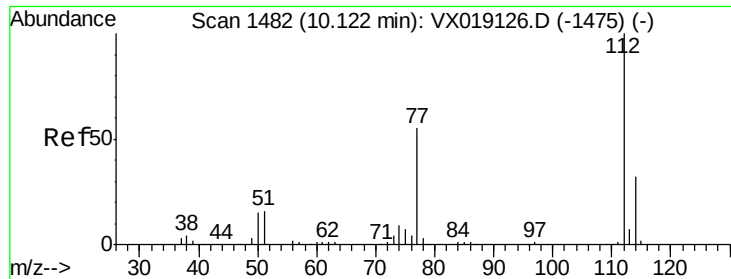
MMDadoda
10/27/2020 6:55:24 PM



#64
Tetrachloroethene
Concen: 5.309 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	9402		
166	132.5		106.4	159.6
129	92.0		75.9	113.9
131	95.6		73.0	109.6





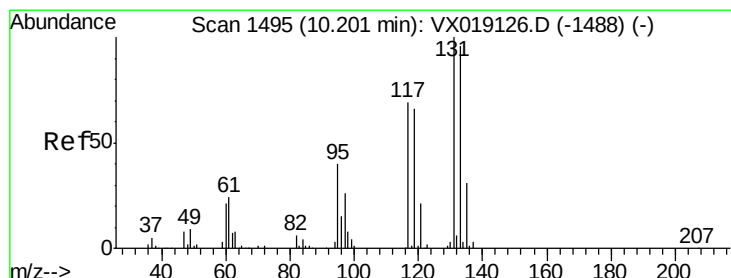
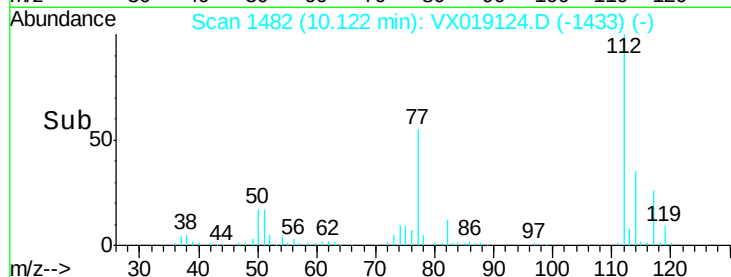
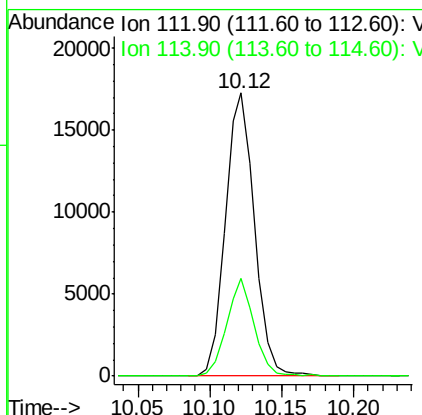
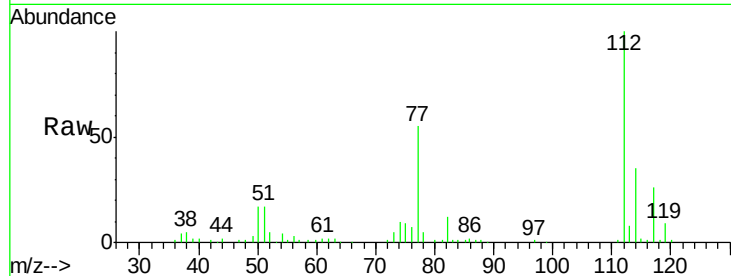
#65
Chlorobenzene
Concen: 5.500 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 24433
Ion Ratio Lower Upper
112 100
114 34.6 25.7 38.5

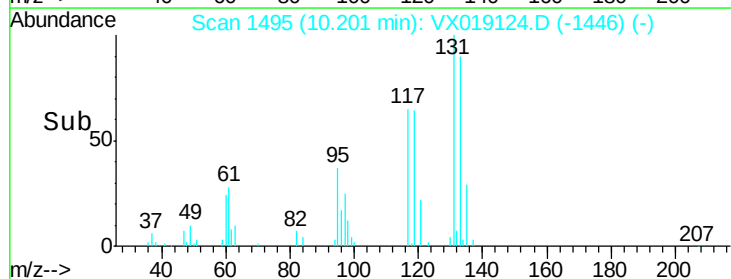
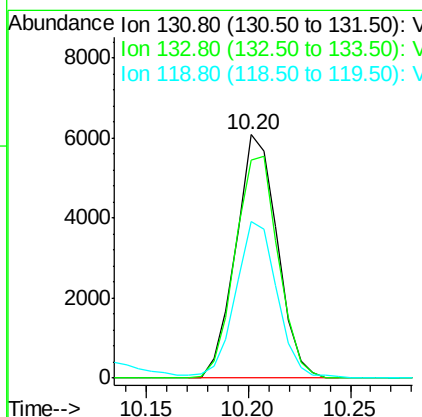
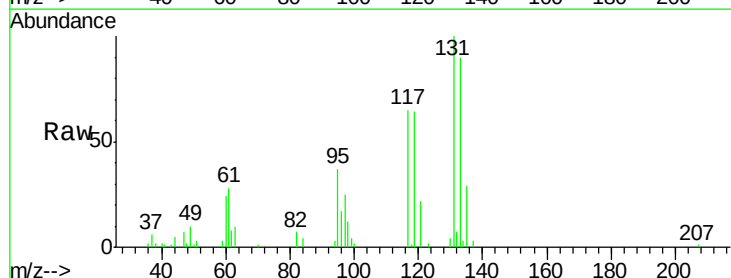
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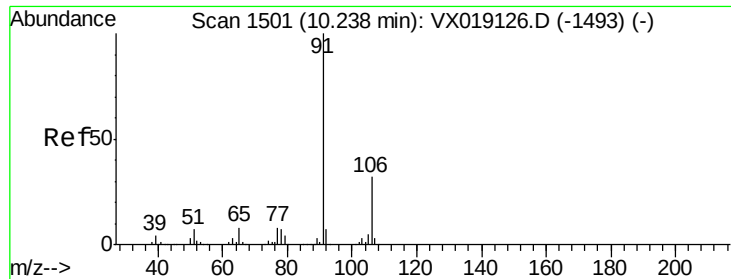
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.460 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion:131 Resp: 8550
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 64.5 33.4 100.1





#67

Ethyl Benzene

Concen: 5.459 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 42621

Ion Ratio Lower Upper

91 100

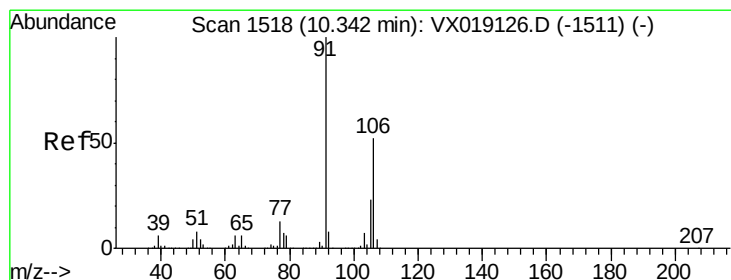
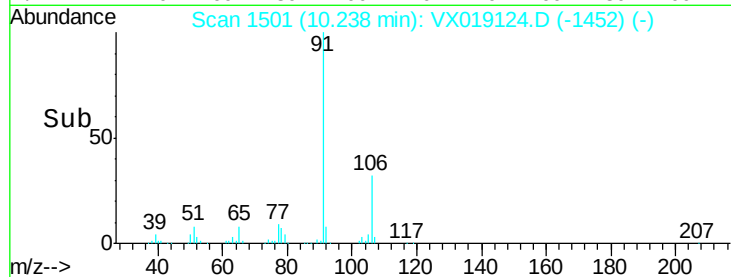
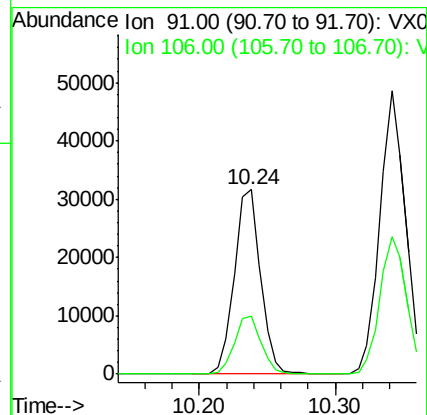
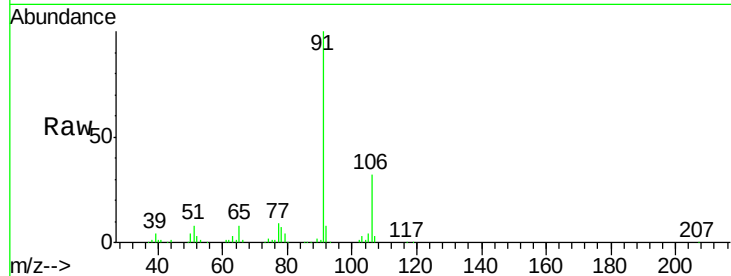
106 31.7 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 10.859 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019124.D

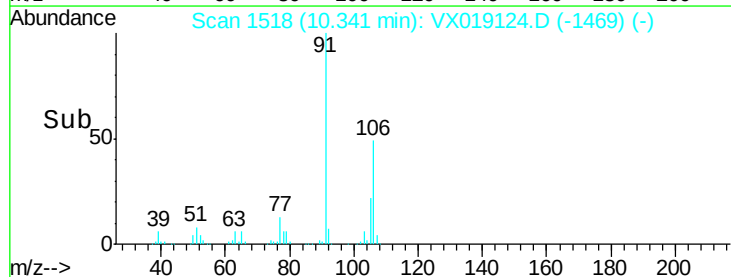
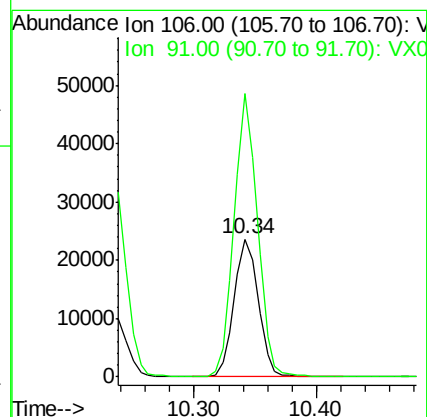
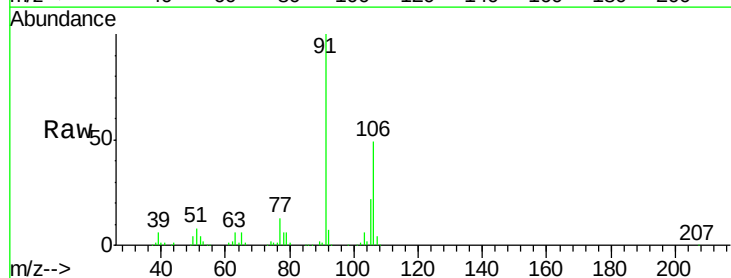
Acq: 26 Oct 2020 17:47

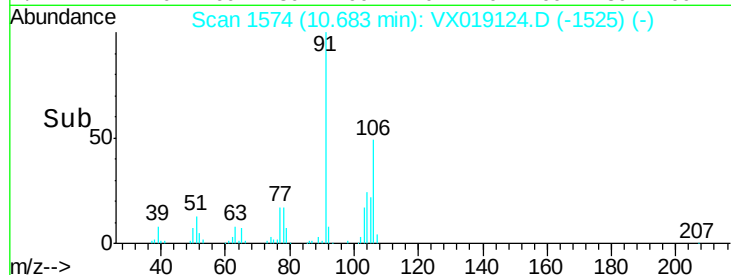
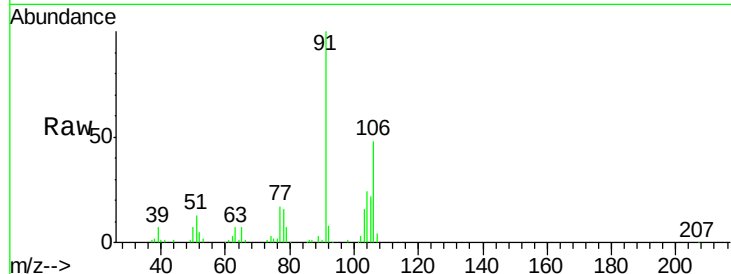
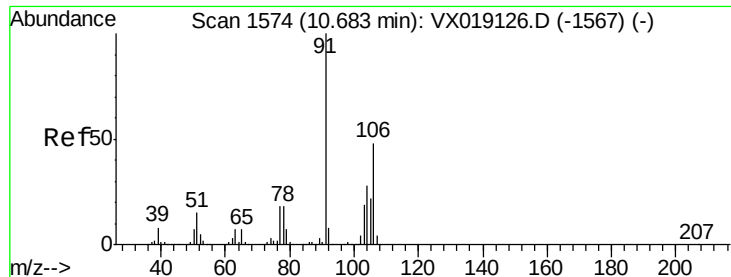
Tgt Ion: 106 Resp: 32341

Ion Ratio Lower Upper

106 100

91 198.6 157.4 236.0





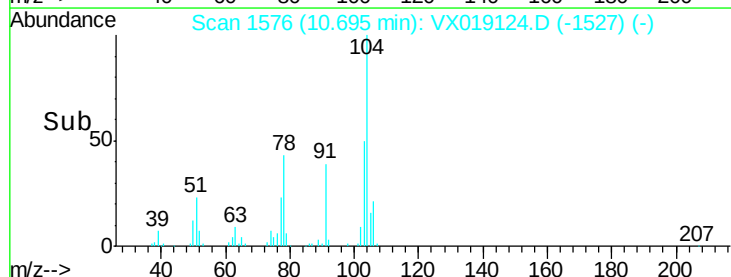
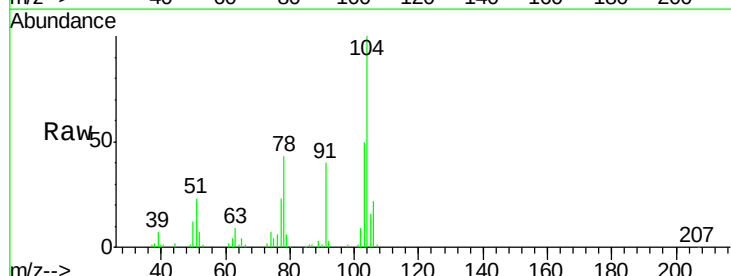
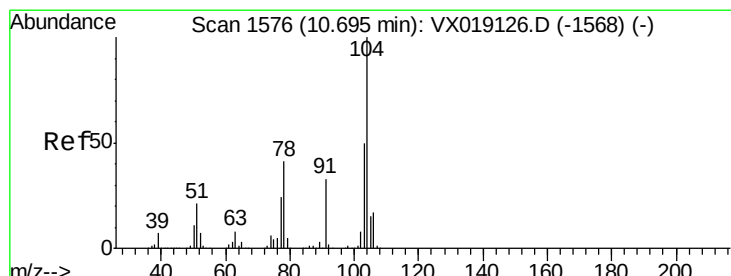
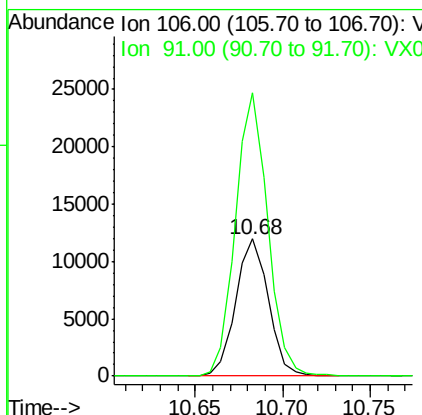
#69
o-Xylene
Concen: 5.490 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.5	104.5	313.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

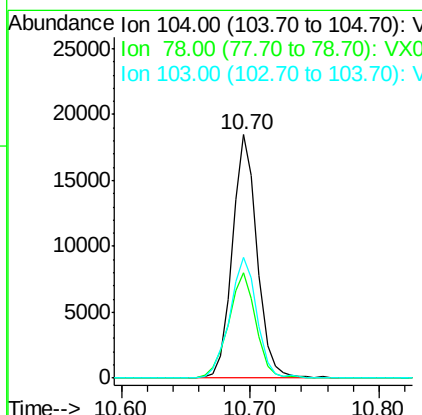
Manual Integrations
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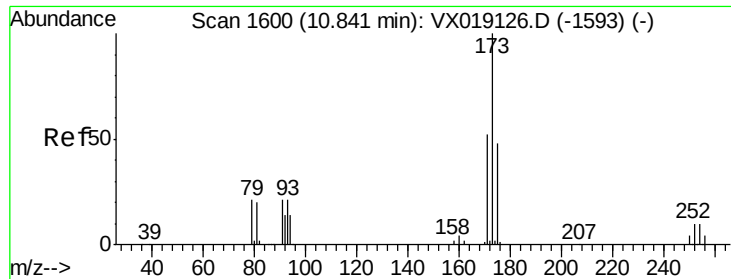
MMDadoda
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#70
Styrene
Concen: 5.320 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	37.8	56.6
103	55.0	43.7	65.5





#71

Bromoform

Concen: 5.019 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 5842

Ion Ratio Lower Upper

173 100

175 50.8 24.1 72.3

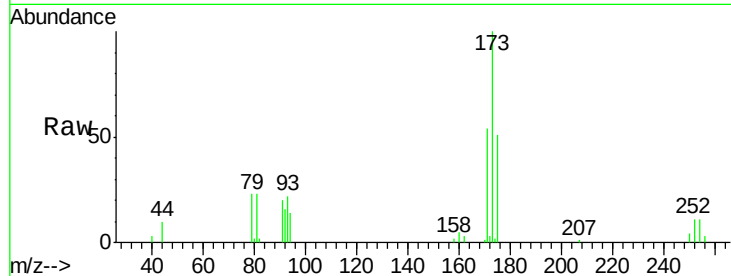
254 0.0 0.1 0.1#

Manual Integrations

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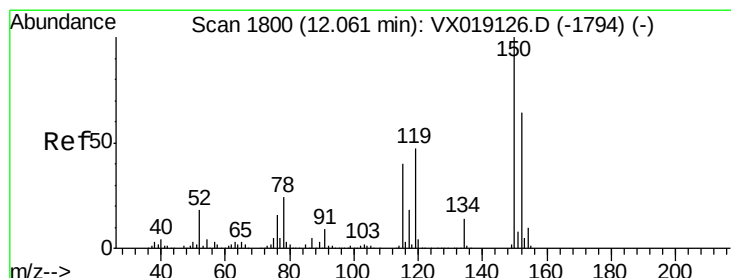
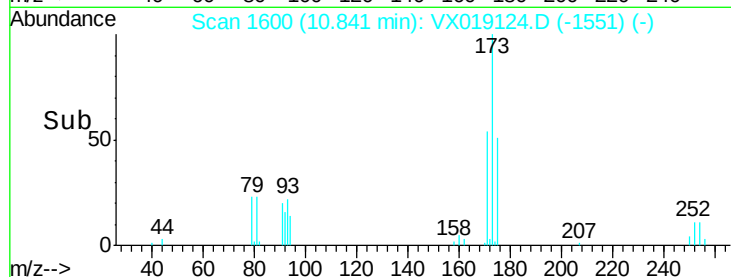
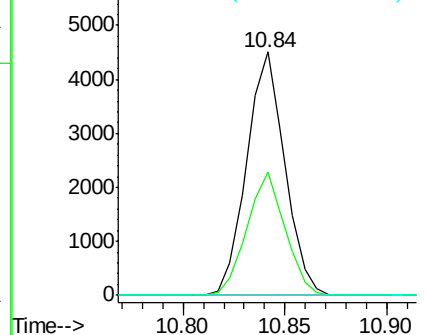
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

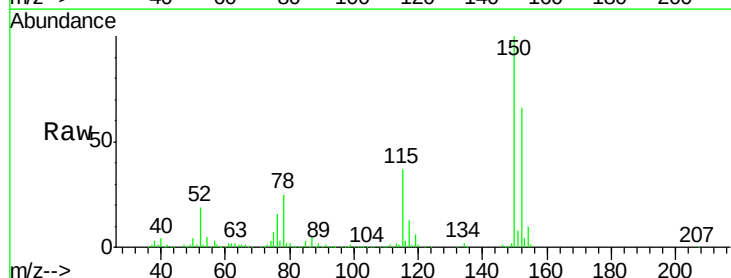
Tgt Ion:152 Resp: 115356

Ion Ratio Lower Upper

152 100

115 59.4 40.8 122.2

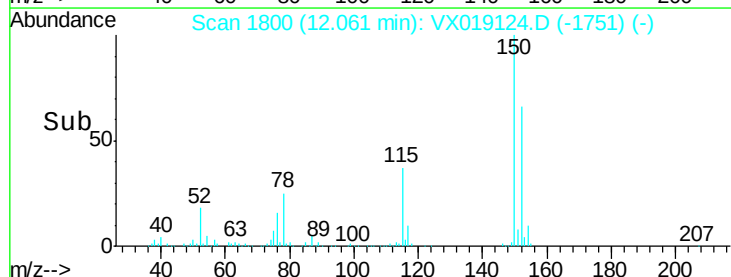
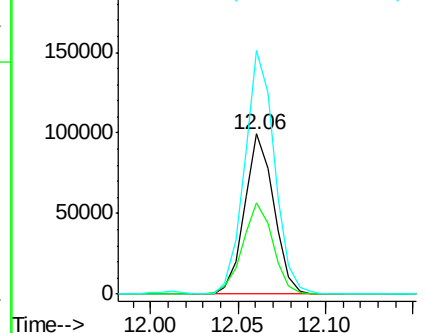
150 155.0 0.0 350.4

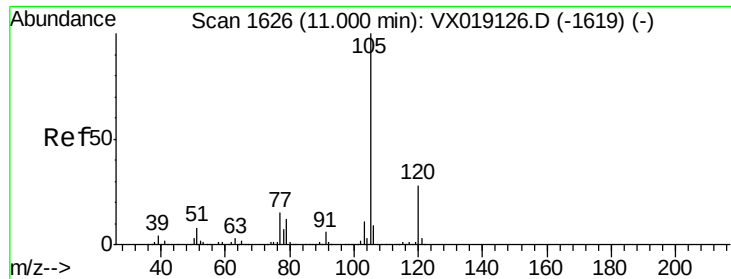


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.434 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 41692

Ion Ratio Lower Upper

105 100

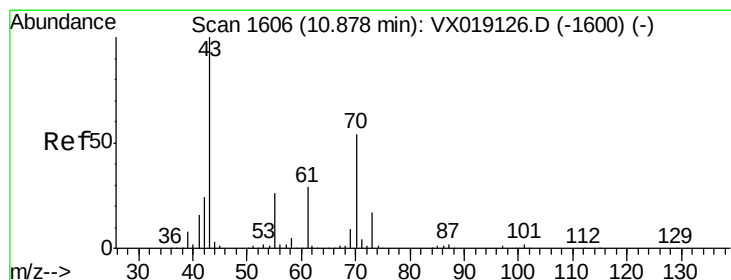
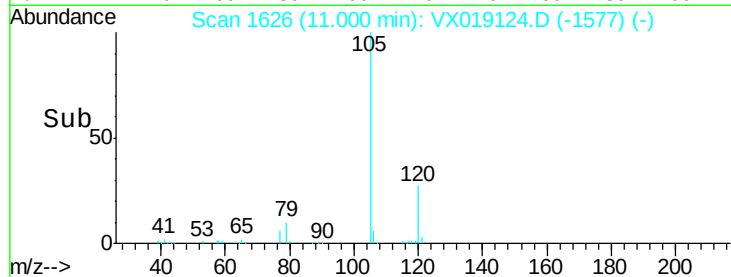
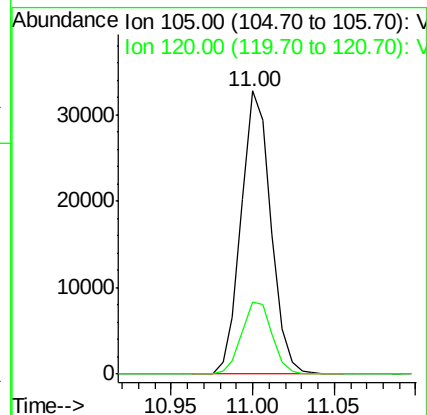
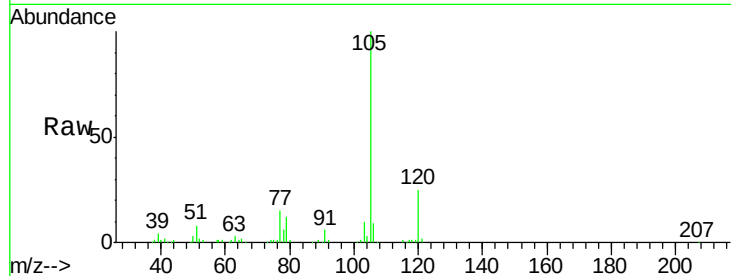
120 26.0 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 5.459 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Tgt Ion: 43 Resp: 12808

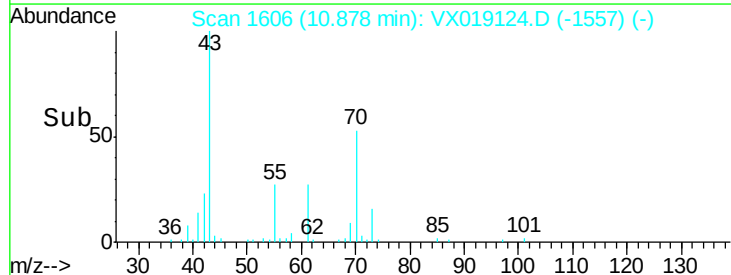
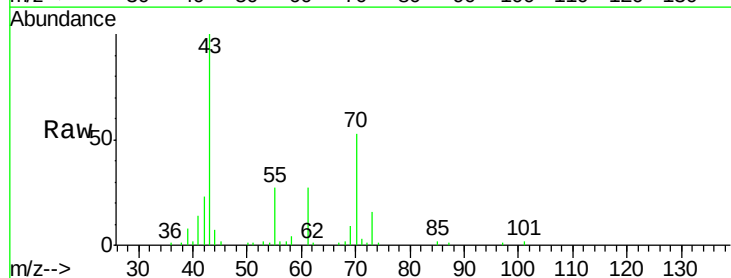
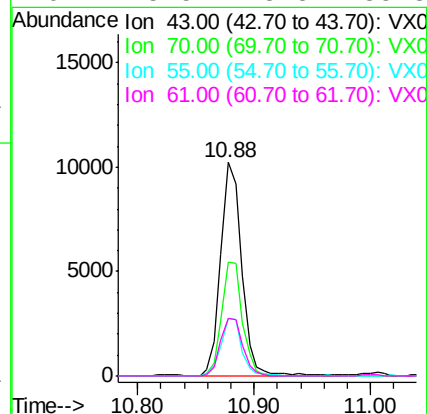
Ion Ratio Lower Upper

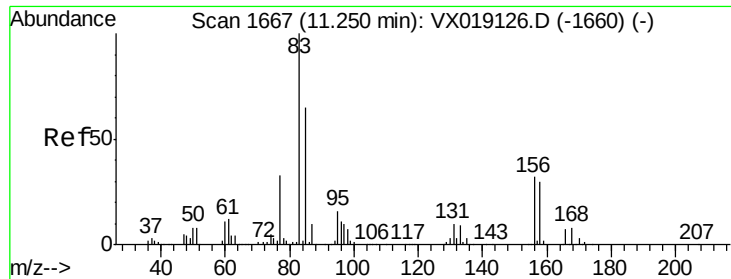
43 100

70 52.1 43.9 65.9

55 26.8 21.5 32.3

61 28.5 23.5 35.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.315 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

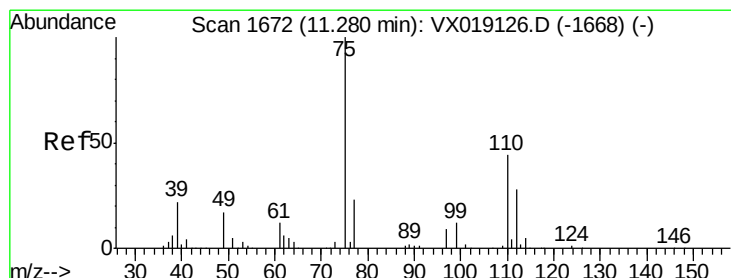
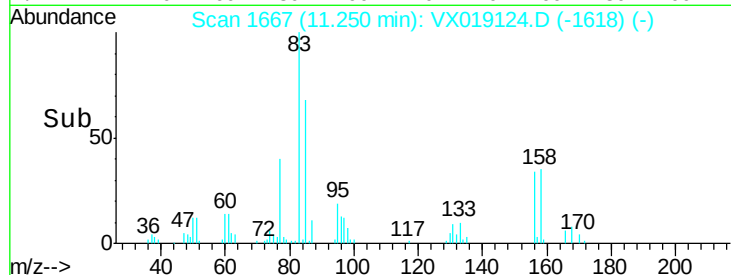
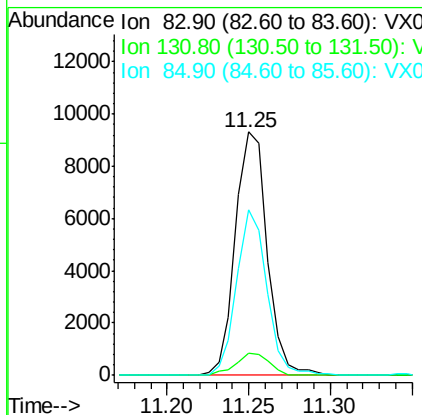
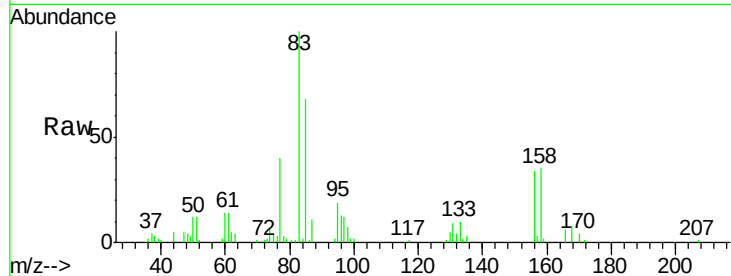
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	12693
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.1	15.4
85	65.0	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.574 ug/l m

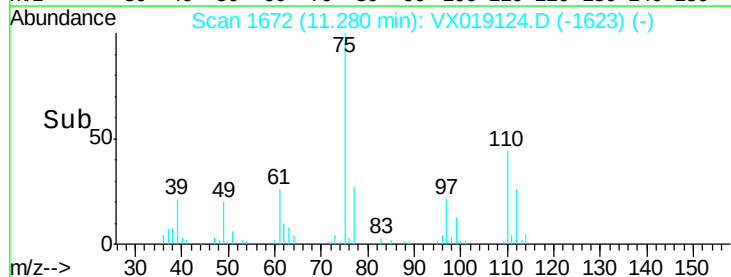
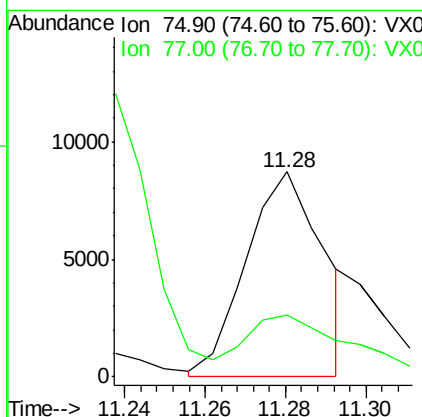
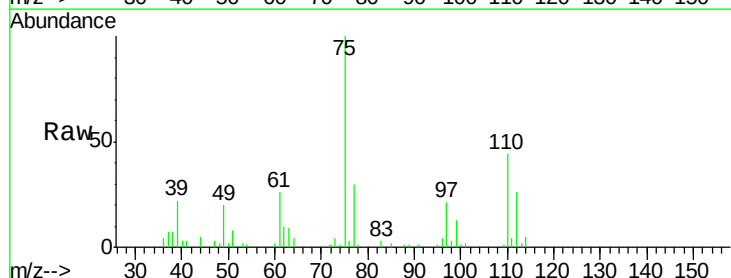
RT: 11.28 min Scan# 1672

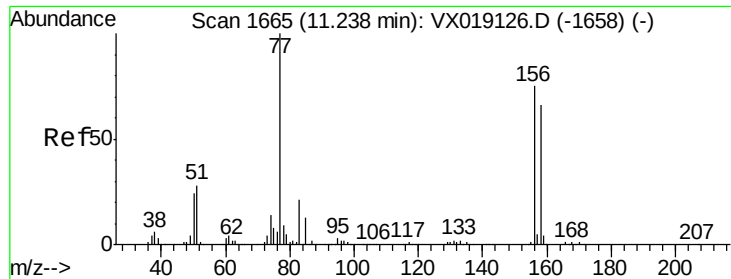
Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Tgt Ion:	75	Resp:	11587
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.4	61.3





#77

Bromobenzene

Concen: 5.357 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

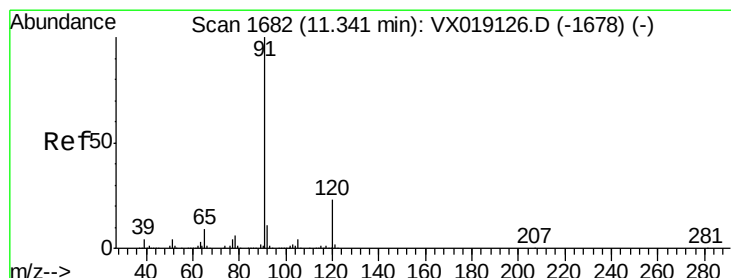
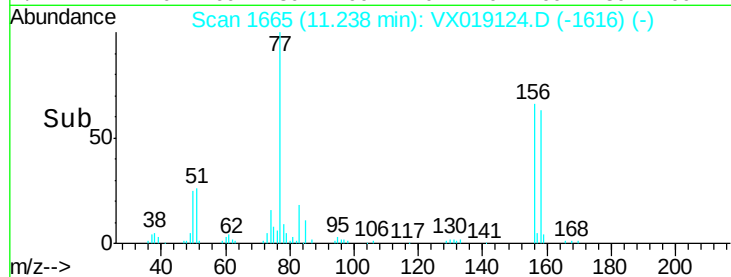
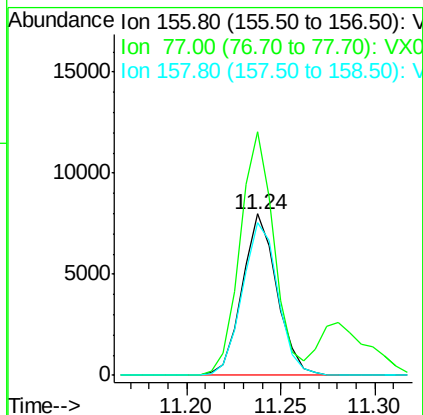
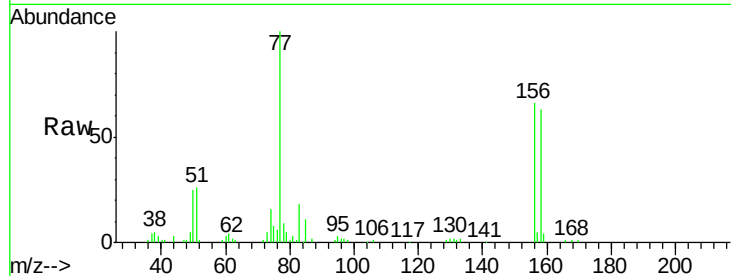
ClientSampleId :

VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	149.4	71.7	215.0	
158	97.5	46.9	140.8	

Manual Integrations
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#78

n-propylbenzene

Concen: 5.331 ug/l

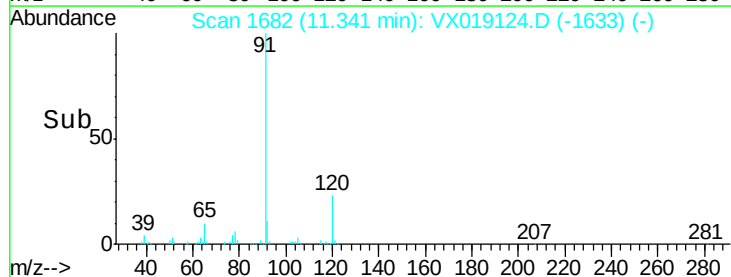
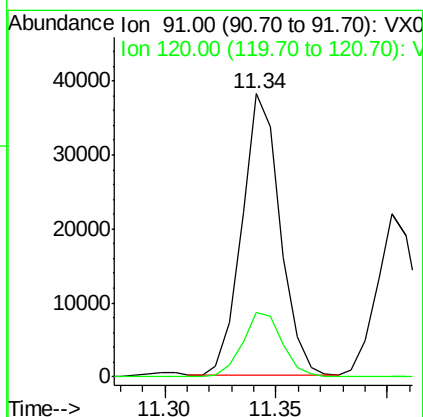
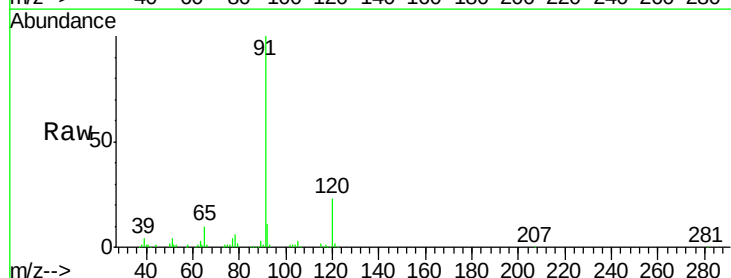
RT: 11.34 min Scan# 1682

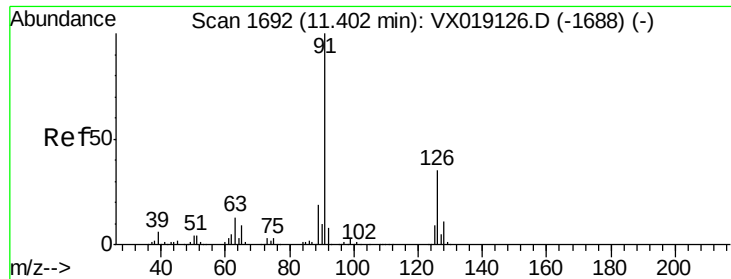
Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.9	12.0	36.0	





#79

2-Chlorotoluene

Concen: 5.363 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 26990

Ion Ratio Lower Upper

91 100

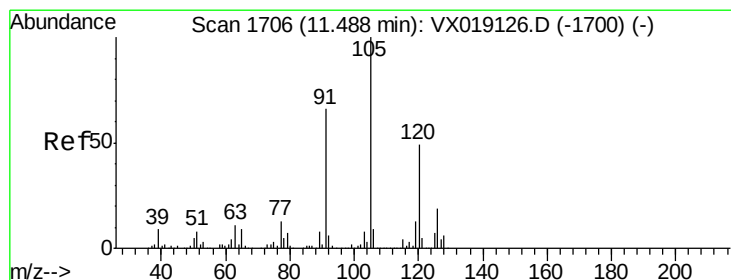
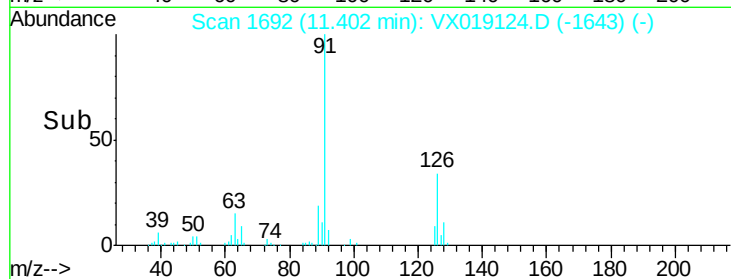
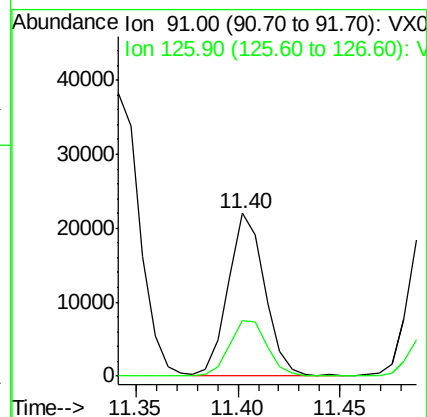
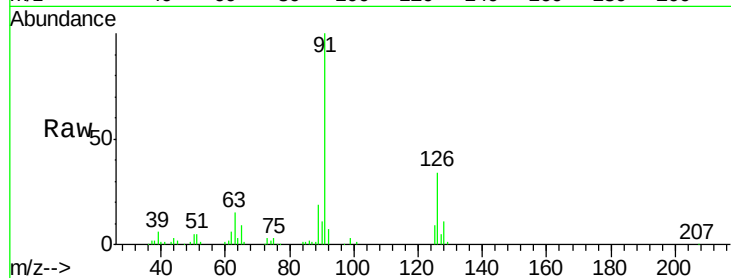
126 35.8 17.8 53.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 5.428 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019124.D

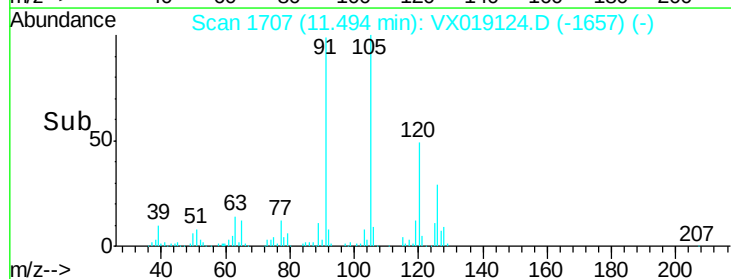
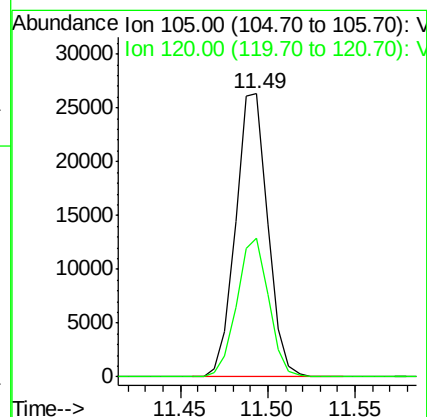
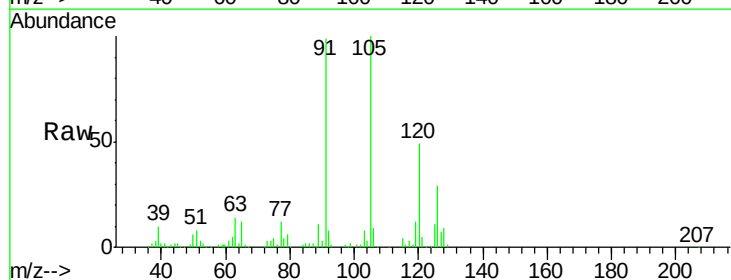
Acq: 26 Oct 2020 17:47

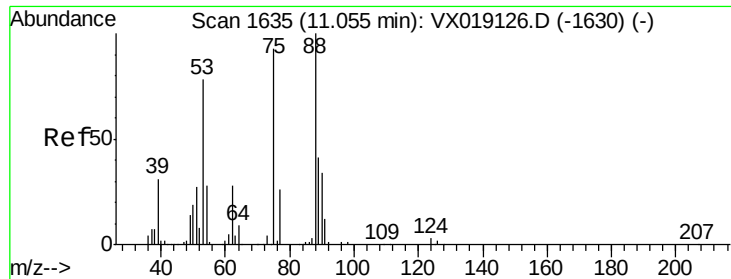
Tgt Ion: 105 Resp: 33630

Ion Ratio Lower Upper

105 100

120 48.5 24.8 74.4





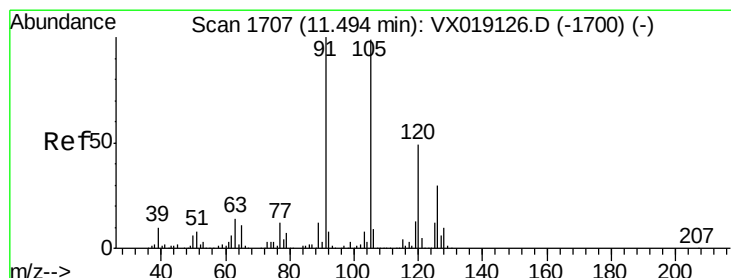
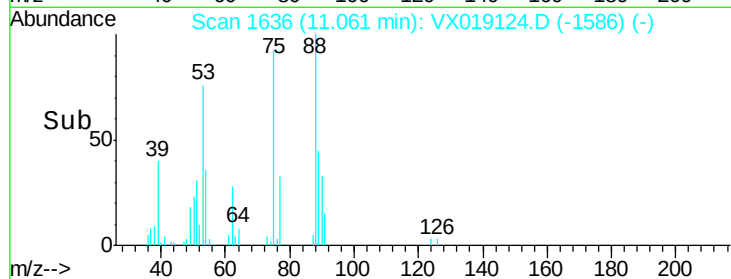
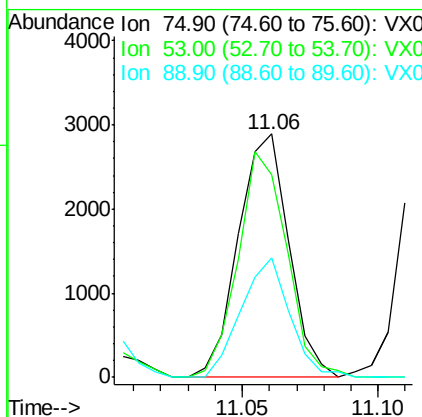
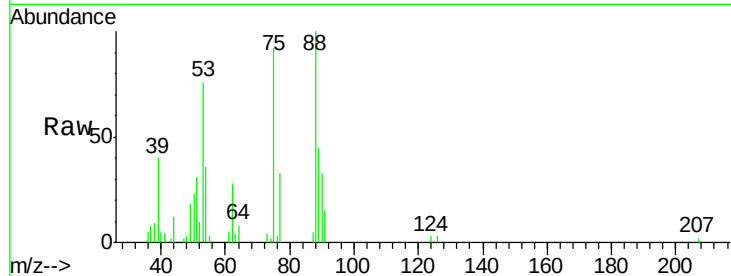
#81
trans-1,4-Dichloro-2-butene
Concen: 5.188 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.5	67.6	101.4
89	47.4	38.0	57.0

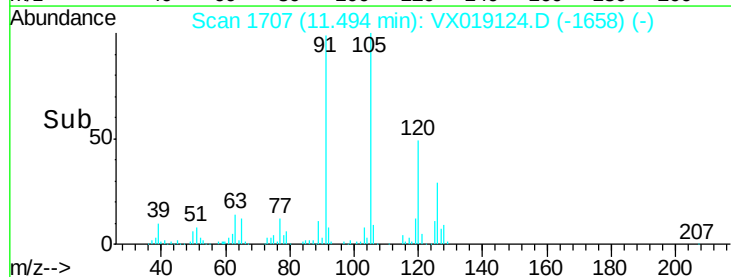
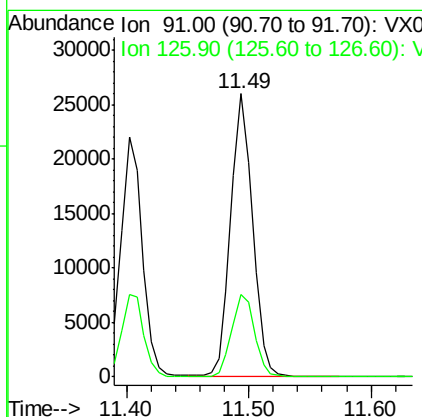
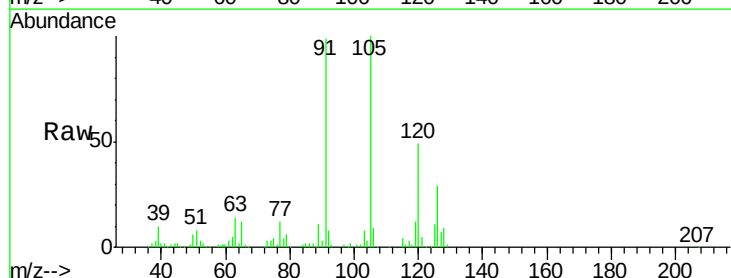
Manual Integrations
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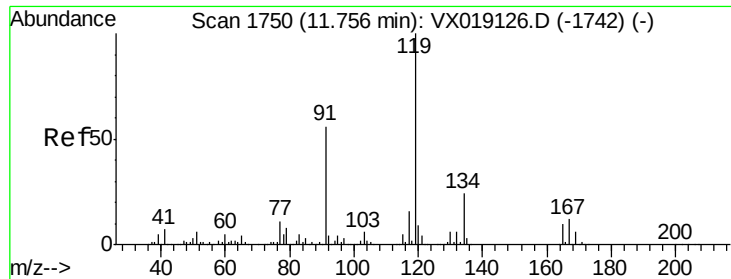
MMDadoda
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#82
4-Chlorotoluene
Concen: 5.478 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.5	46.5





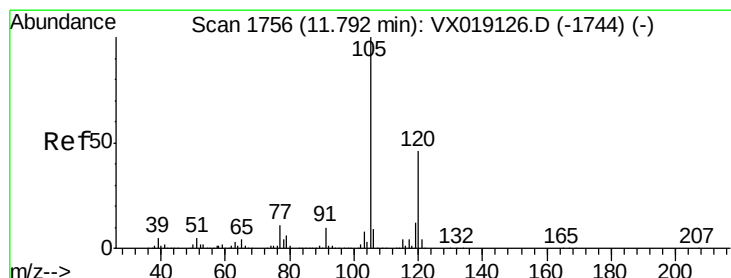
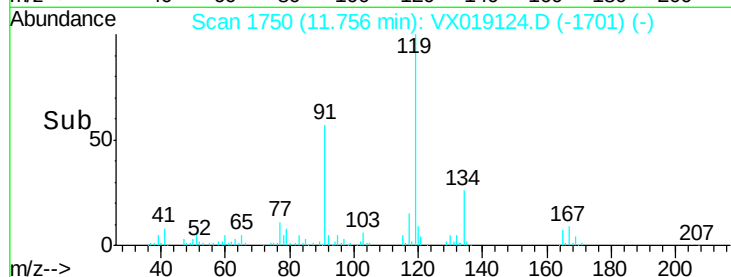
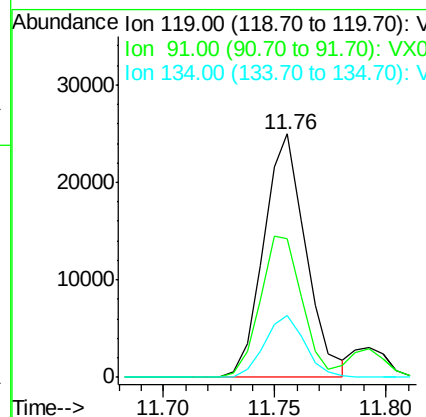
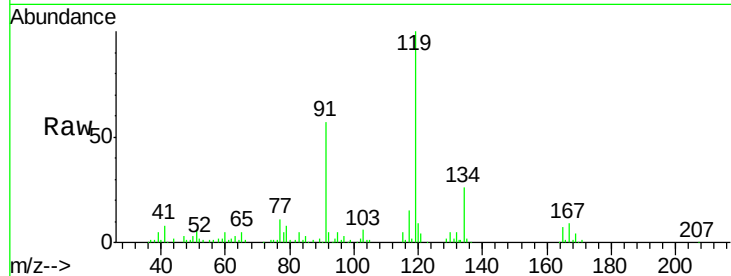
#83
 tert-Butylbenzene
 Concen: 5.382 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	32819		
91	57.5		27.9	83.6
134	24.4		11.9	35.5

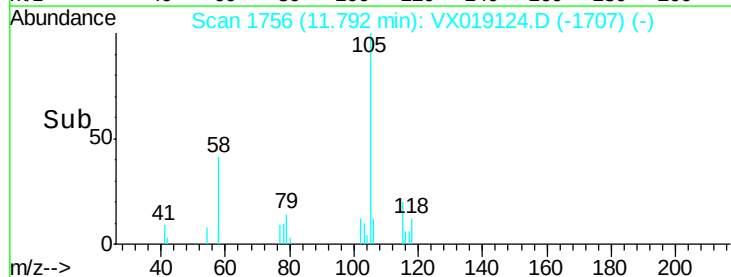
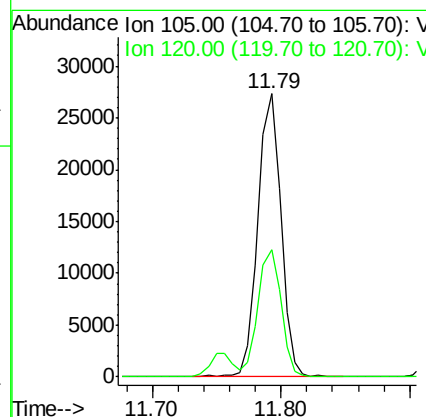
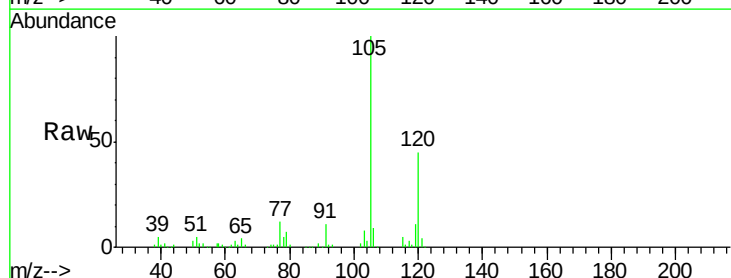
Manual Integrations
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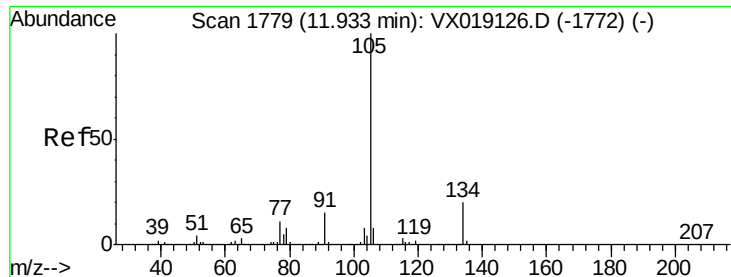
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.359 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	33658		
120	44.9		22.9	68.5





#85

sec-Butylbenzene

Concen: 5.455 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 39958

Ion Ratio Lower Upper

105 100

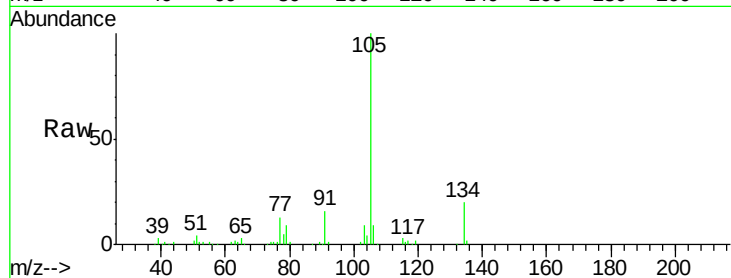
134 20.6 10.2 30.4

Manual Integrations

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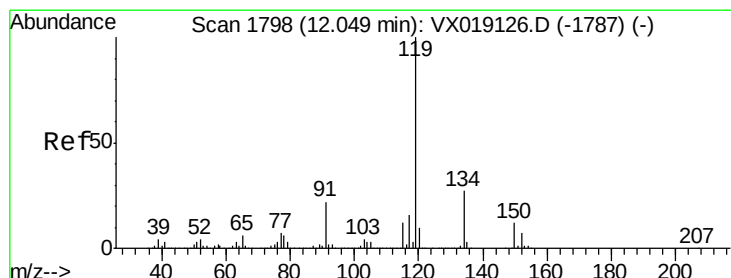
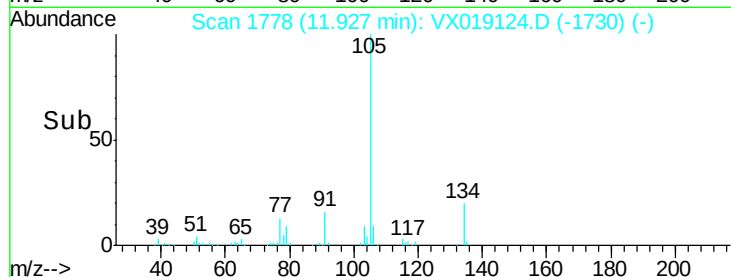
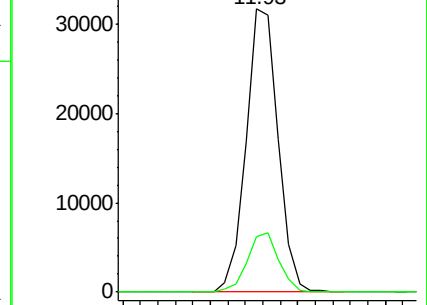
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.448 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

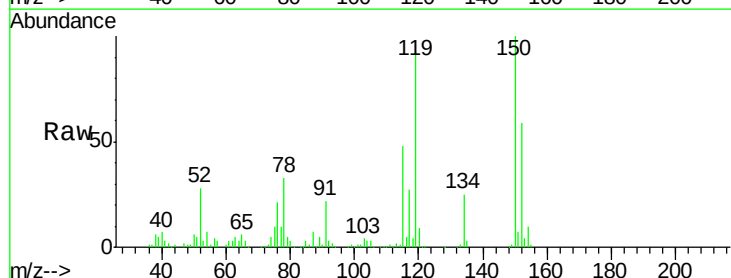
Tgt Ion:119 Resp: 36349

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

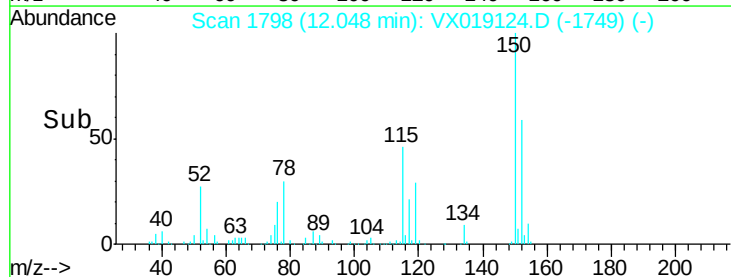
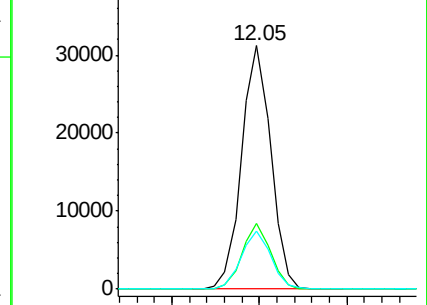
91 24.4 11.5 34.5

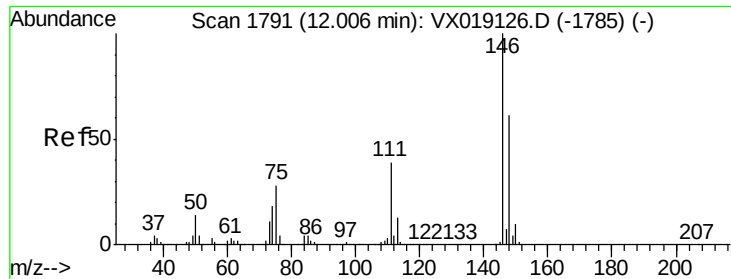


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





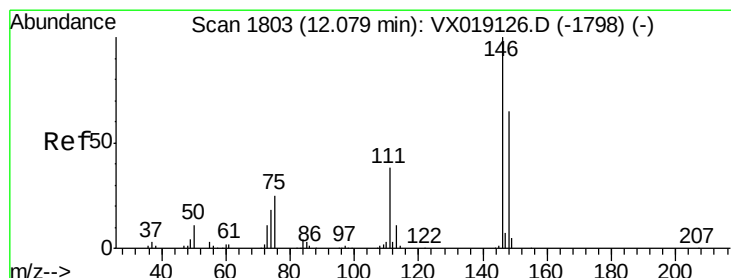
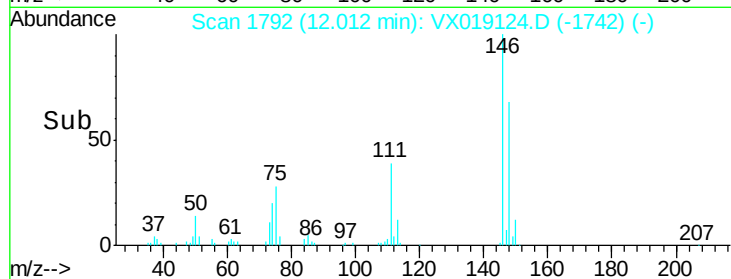
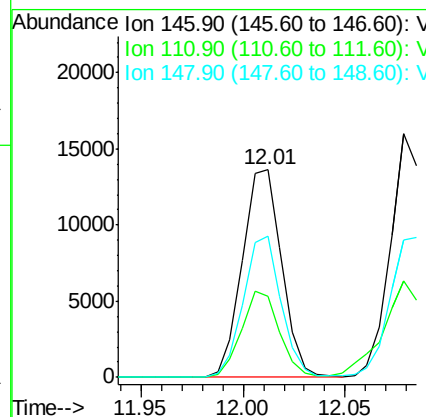
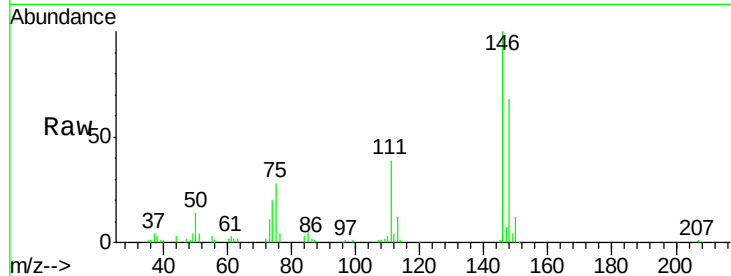
#87
 1,3-Dichlorobenzene
 Concen: 5.195 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.5	58.5
148	65.7	31.9	95.5

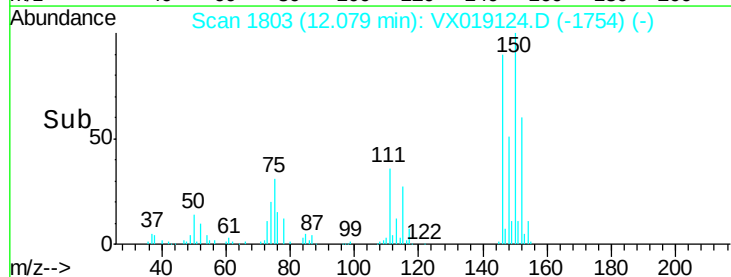
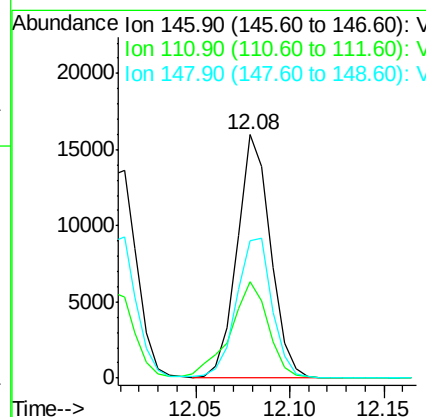
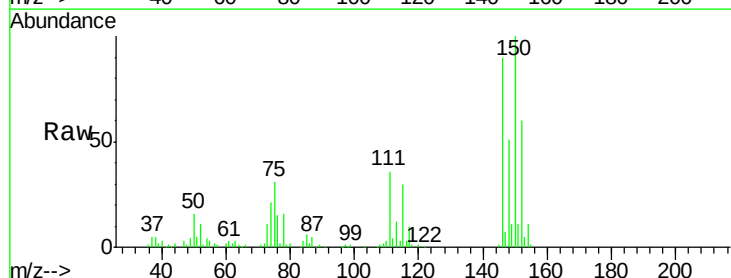
Manual Integrations
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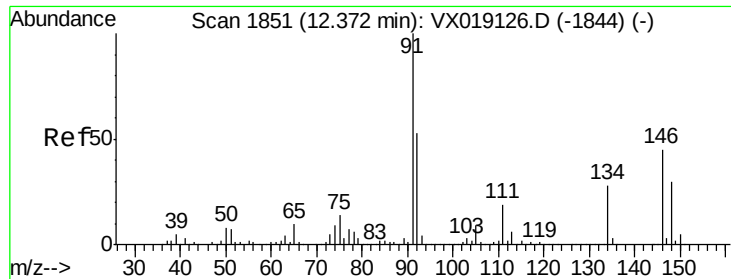
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 10/27/2020 6:55:24 PM



#88
 1,4-Dichlorobenzene
 Concen: 5.447 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019124.D
 Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	19.4	58.1
148	61.6	32.5	97.4





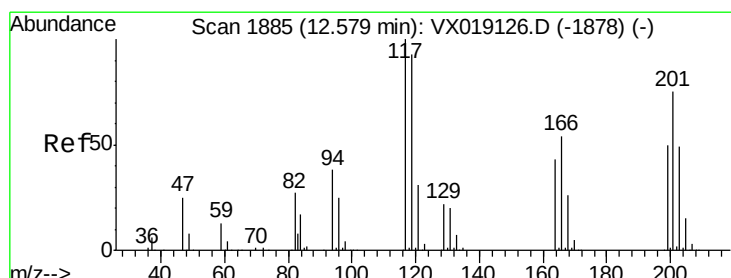
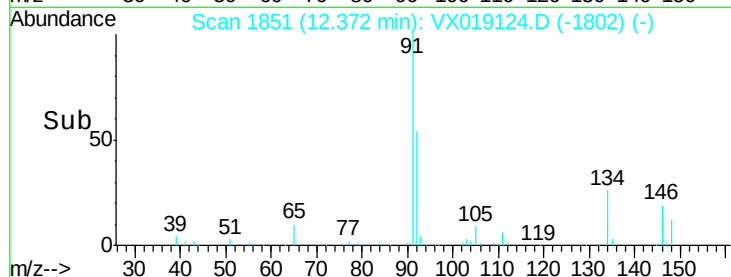
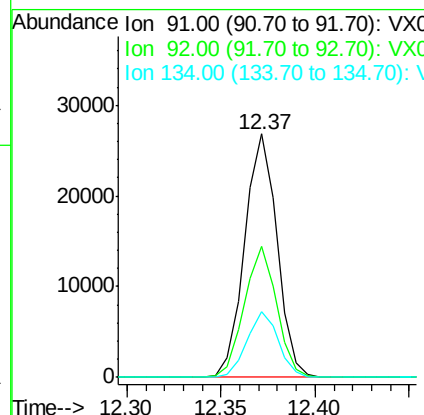
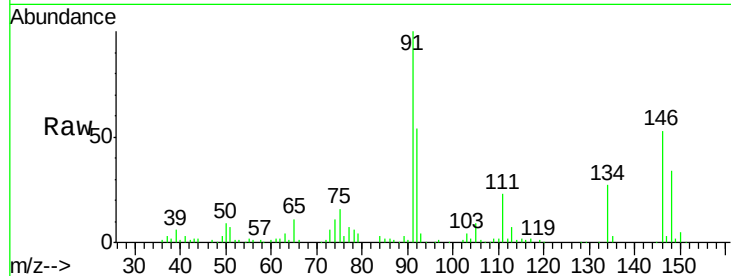
#89
n-Butylbenzene
Concen: 5.249 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.8	80.4
134	26.2	13.8	41.4

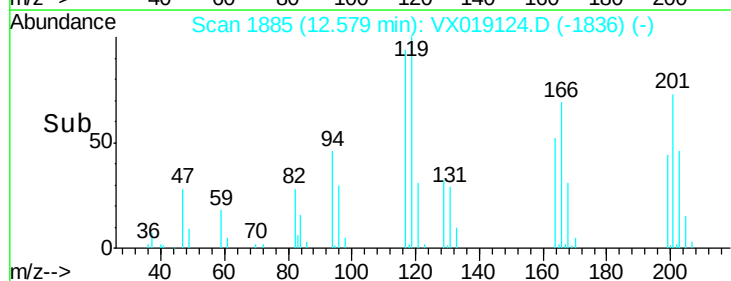
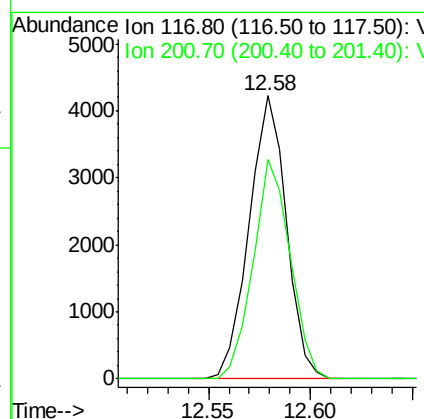
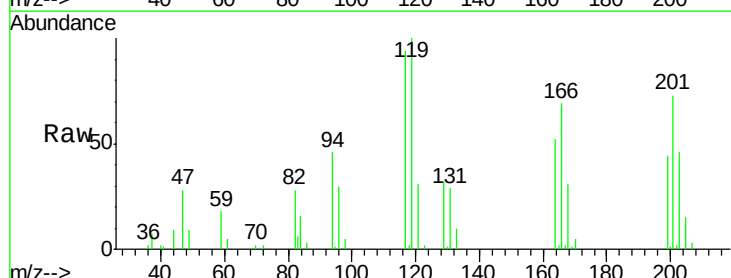
Manual Integrations
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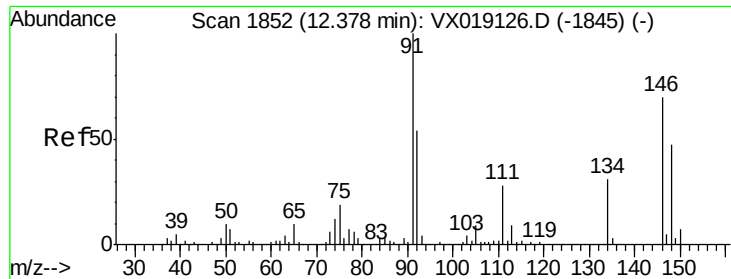
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#90
Hexachloroethane
Concen: 5.021 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.0	39.1	117.2





#91

1,2-Dichlorobenzene

Concen: 5.357 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Instrument :

MSVOA_X

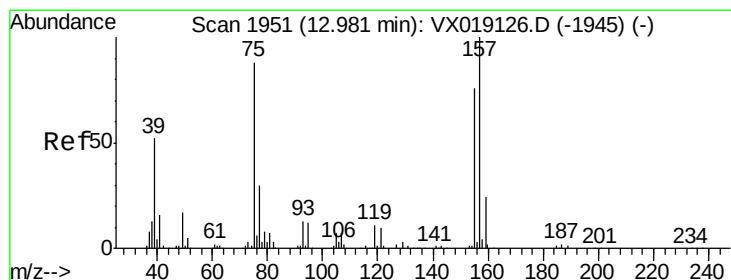
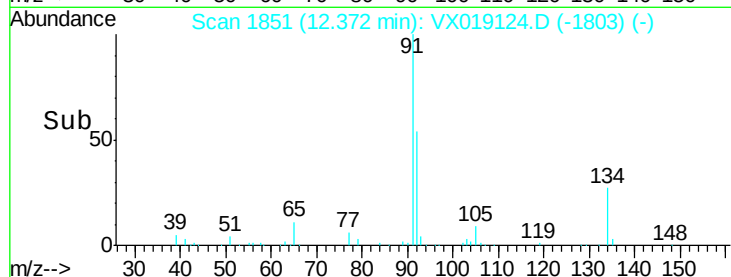
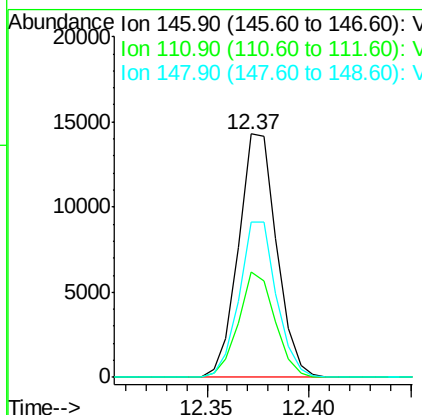
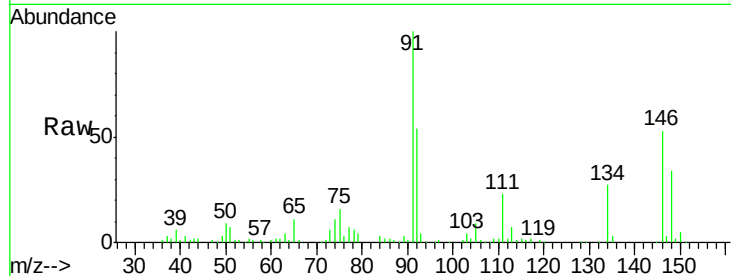
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	18550
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.4	61.3
148	62.7	32.8	98.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 5.496 ug/l

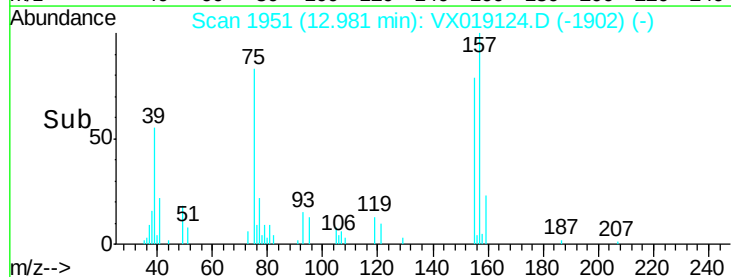
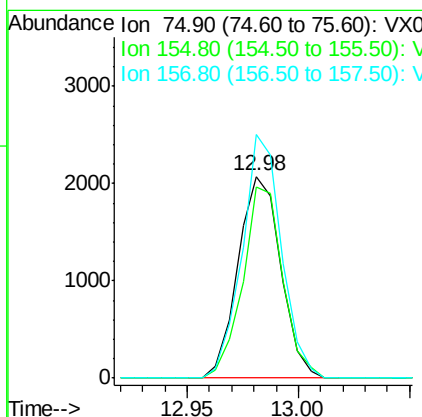
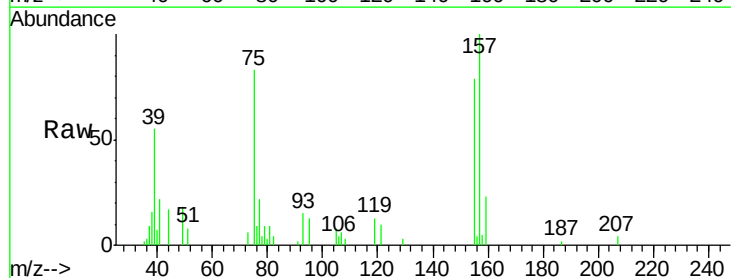
RT: 12.98 min Scan# 1951

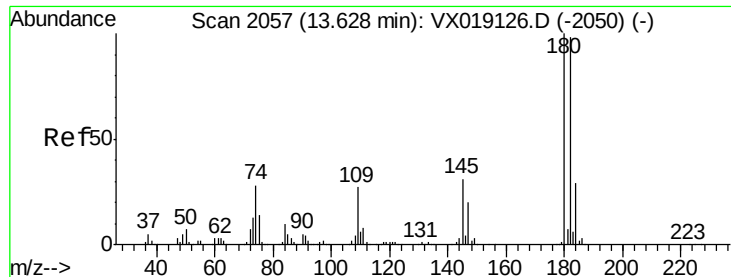
Delta R.T. -0.00 min

Lab File: VX019124.D

Acq: 26 Oct 2020 17:47

Tgt Ion:	75	Resp:	2770
Ion Ratio	Lower	Upper	
75	100		
155	88.7	47.1	141.4
157	111.4	60.1	180.2





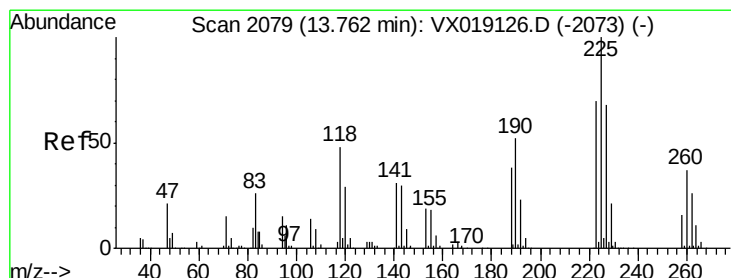
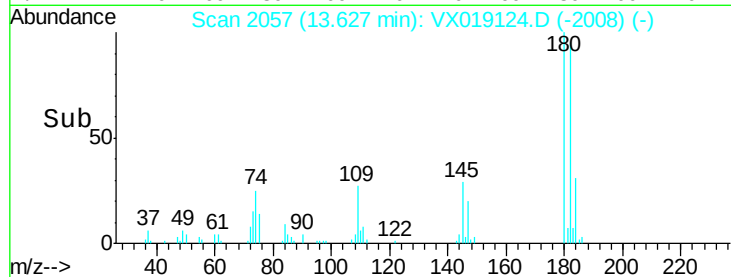
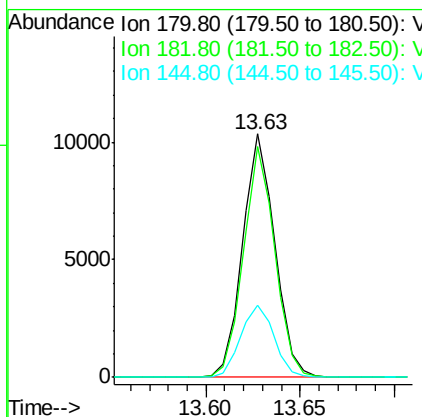
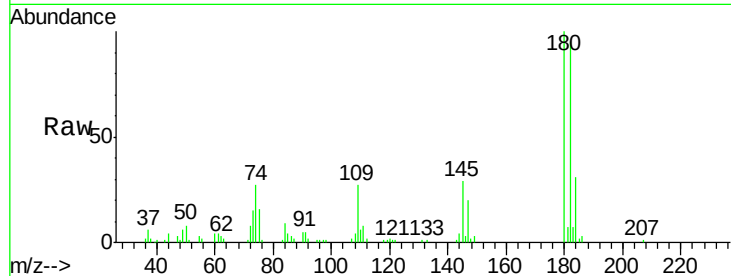
#93
1,2,4-Trichlorobenzene
Concen: 5.176 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.8	143.4
145	30.7	15.0	45.1

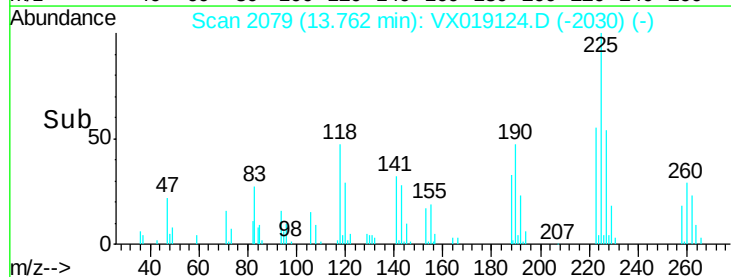
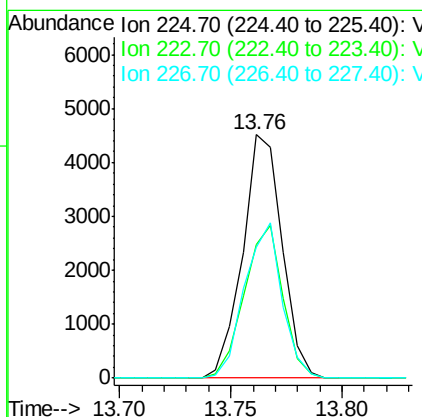
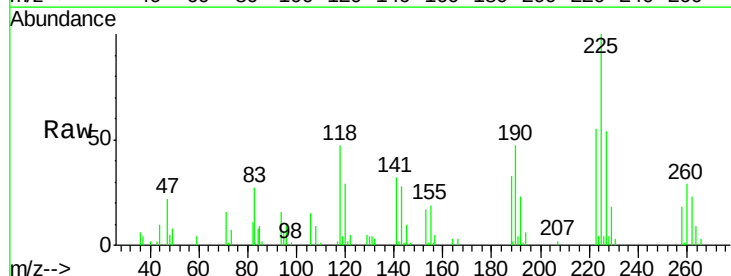
Manual Integrations
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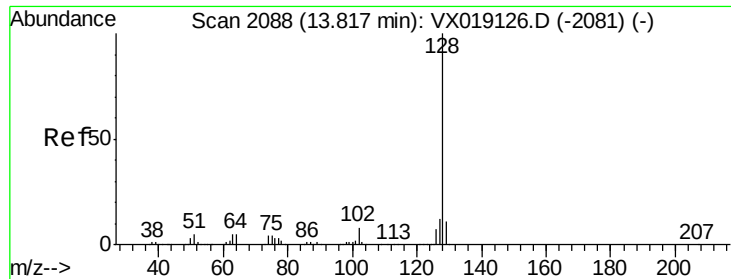
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#94
Hexachlorobutadiene
Concen: 5.225 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.1	96.5
227	60.4	32.0	96.0





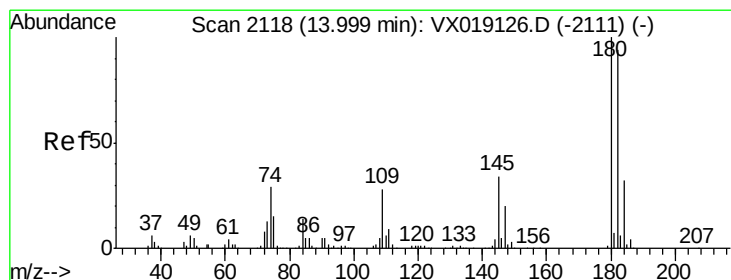
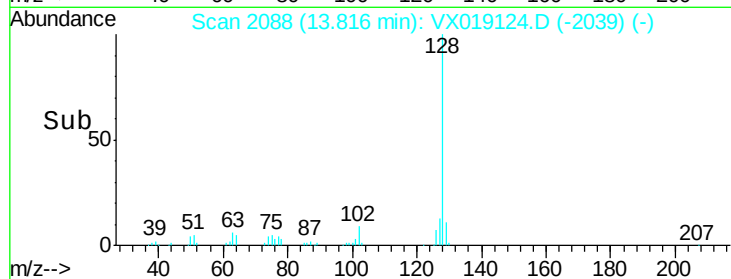
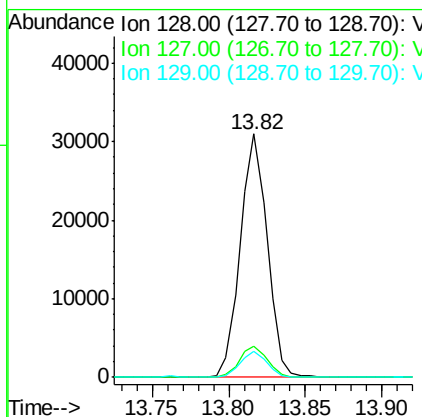
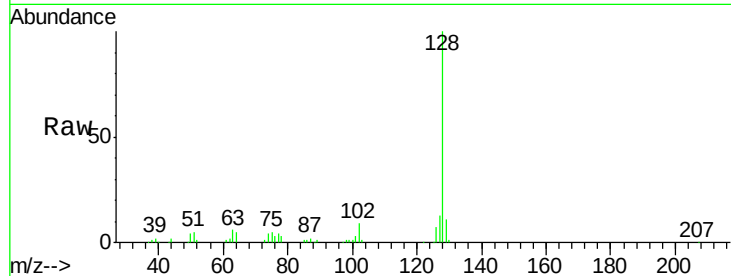
#95
Naphthalene
Concen: 5.120 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.236 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019124.D
Acq: 26 Oct 2020 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.6	142.9
145	31.9	15.9	47.7

