

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019453.D
 Acq On : 18 Nov 2020 14:15
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
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MMDadoda
 11/19/2020 11:58:04 AM

Quant Time: Nov 18 16:47:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	213540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	364673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	356879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	62013	21.52	ug/l	0.00
Spiked Amount			Recovery	=	43.04%	
35) Dibromofluoromethane	5.46	113	44567	19.15	ug/l	0.00
Spiked Amount			Recovery	=	38.30%	
50) Toluene-d8	8.70	98	175703	19.91	ug/l	0.00
Spiked Amount			Recovery	=	39.82%	
62) 4-Bromofluorobenzene	11.12	95	65625	19.67	ug/l	0.00
Spiked Amount			Recovery	=	39.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	47838	25.012	ug/l	100
3) Chloromethane	1.31	50	57915	26.643	ug/l	98
4) Vinyl Chloride	1.39	62	57338	23.519	ug/l	99
5) Bromomethane	1.62	94	27518	17.722	ug/l	97
6) Chloroethane	1.69	64	26648	19.036	ug/l	100
7) Trichlorofluoromethane	1.90	101	79345	21.385	ug/l	98
8) Diethyl Ether	2.17	74	30751	21.476	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	42276	20.561	ug/l	99
10) Methyl Iodide	2.48	142	51277	23.358	ug/l	100
11) Tert butyl alcohol	3.04	59	63754	112.753	ug/l	98
12) 1,1-Dichloroethene	2.35	96	41710	19.782	ug/l	99
13) Acrolein	2.28	56	39949	129.703	ug/l	98
14) Allyl chloride	2.70	41	72802	22.071	ug/l	99
15) Acrylonitrile	3.12	53	136681	113.790	ug/l	99
16) Acetone	2.42	43	119947	118.652	ug/l	99
17) Carbon Disulfide	2.54	76	113785	17.756	ug/l	100
18) Methyl Acetate	2.75	43	58656	23.825	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	154682	20.937	ug/l	100
20) Methylene Chloride	2.83	84	53990	21.872	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	47933	19.732	ug/l	94
22) Diisopropyl ether	3.82	45	155959	23.569	ug/l	99
23) Vinyl Acetate	3.78	43	658401	112.273	ug/l	99
24) 1,1-Dichloroethane	3.67	63	91647	22.575	ug/l	99
25) 2-Butanone	4.64	43	186194	117.242	ug/l	98
26) 2,2-Dichloropropane	4.54	77	74838	19.881	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	53870	19.851	ug/l	100
28) Bromochloromethane	4.98	49	42621	22.758	ug/l	100
29) Tetrahydrofuran	5.09	42	116618	116.749	ug/l	99
30) Chloroform	5.17	83	93433	21.827	ug/l	96
31) Cyclohexane	5.54	56	74228	20.408	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	81060	20.994	ug/l	98
36) 1,1-Dichloropropene	5.76	75	67660	19.719	ug/l	99
37) Ethyl Acetate	4.79	43	72994	22.406	ug/l	100
38) Carbon Tetrachloride	5.75	117	67336	19.426	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74420	18.308	ug/l	99
40) Benzene	6.11	78	205969	21.037	ug/l	100
41) Methacrylonitrile	5.00	41	37926	21.632	ug/l	97
42) 1,2-Dichloroethane	6.15	62	79157	21.783	ug/l	100
43) Isopropyl Acetate	6.41	43	115544	21.296	ug/l	99
44) Trichloroethene	7.18	130	52120	18.982	ug/l	96
45) 1,2-Dichloropropane	7.49	63	54543	22.484	ug/l	95
46) Dibromomethane	7.63	93	35610	20.170	ug/l	99
47) Bromodichloromethane	7.87	83	69521	20.050	ug/l	96
48) Methyl methacrylate	7.74	41	57395	21.885	ug/l	99
49) 1,4-Dioxane	7.72	88	23978	418.545	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	372202	118.075	ug/l	99
52) Toluene	8.76	92	129632	20.613	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	73976	18.666	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	81854	19.572	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	52661	21.171	ug/l	99
56) Ethyl methacrylate	9.16	69	74335	19.907	ug/l	99
57) 1,3-Dichloropropane	9.35	76	91043	21.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	216033	102.127	ug/l	99
59) 2-Hexanone	9.48	43	280356	116.529	ug/l	98
60) Dibromochloromethane	9.56	129	49517	18.692	ug/l	99
61) 1,2-Dibromoethane	9.65	107	53680	20.263	ug/l	98
64) Tetrachloroethene	9.32	164	52539	19.094	ug/l	99
65) Chlorobenzene	10.12	112	136279	18.560	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	47341	17.868	ug/l	96
67) Ethyl Benzene	10.23	91	241195	18.306	ug/l	98
68) m/p-Xylenes	10.34	106	182712	37.075	ug/l	99
69) o-Xylene	10.68	106	85501	18.288	ug/l	97
70) Styrene	10.70	104	145604	18.269	ug/l	99
71) Bromoform	10.84	173	32744	15.886	ug/l #	99
73) Isopropylbenzene	11.00	105	230337	18.691	ug/l	99
74) N-amyl acetate	10.88	43	92788	20.084	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	79275	20.335	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	76981m	21.100	ug/l	
77) Bromobenzene	11.24	156	54155	18.000	ug/l	100
78) n-propylbenzene	11.34	91	268940	19.065	ug/l	99
79) 2-Chlorotoluene	11.40	91	165176	19.801	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	200794	19.223	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	22740	16.624	ug/l	96
82) 4-Chlorotoluene	11.49	91	196010	19.262	ug/l	99
83) tert-Butylbenzene	11.76	119	178951	18.108	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	200525	19.029	ug/l	98
85) sec-Butylbenzene	11.93	105	223800	18.746	ug/l	100
86) p-Isopropyltoluene	12.05	119	198843	18.107	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	101646	17.964	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	102594	17.383	ug/l	97
89) n-Butylbenzene	12.37	91	177854	17.190	ug/l	99
90) Hexachloroethane	12.58	117	31643	17.132	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	100875	18.477	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16889	17.871	ug/l	99

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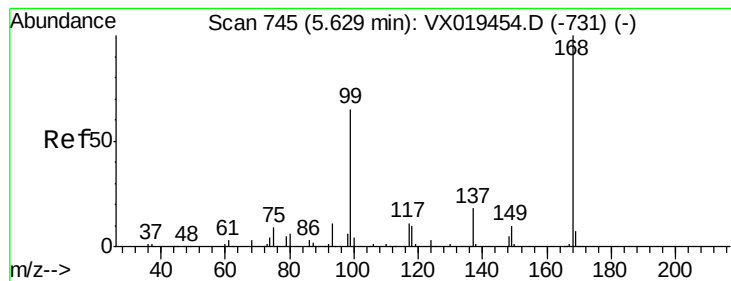
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	59725	14.899	ug/l	99
94) Hexachlorobutadiene	13.76	225	26813	15.143	ug/l	97
95) Naphthalene	13.82	128	206122	16.081	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	60813	15.569	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

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Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 213540

Ion Ratio Lower Upper

168 100

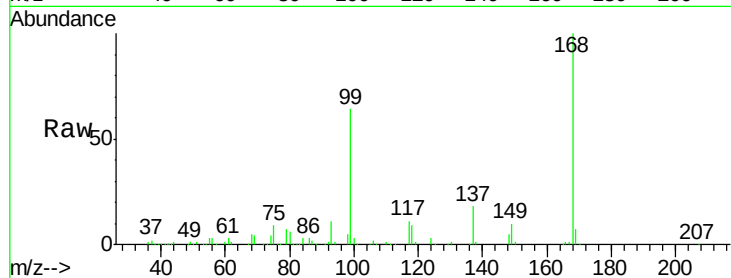
99 64.3 52.1 78.1

Manual Integrations

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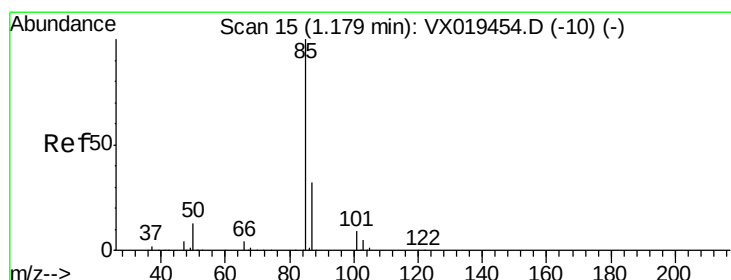
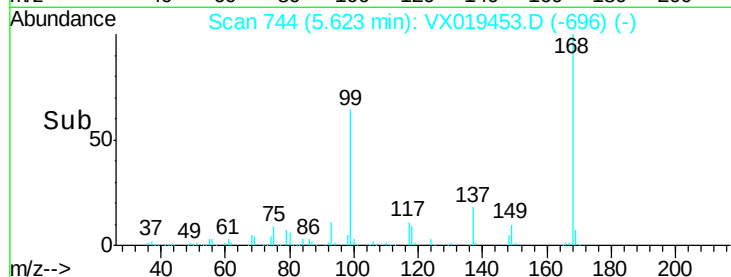
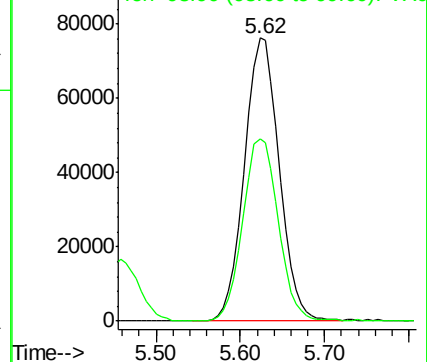
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 25.012 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX019453.D

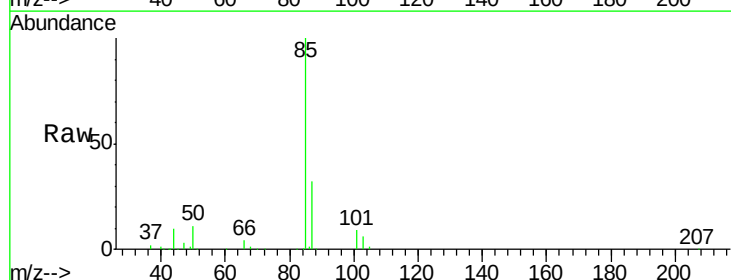
Acq: 18 Nov 2020 14:15

Tgt Ion: 85 Resp: 47838

Ion Ratio Lower Upper

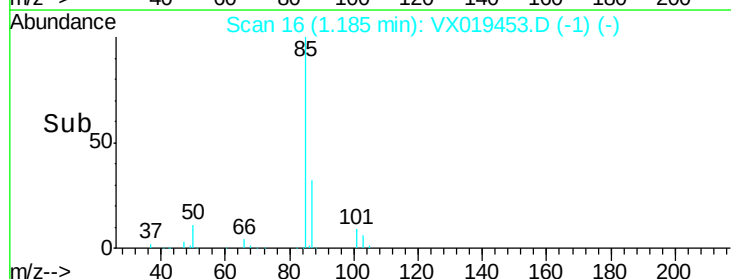
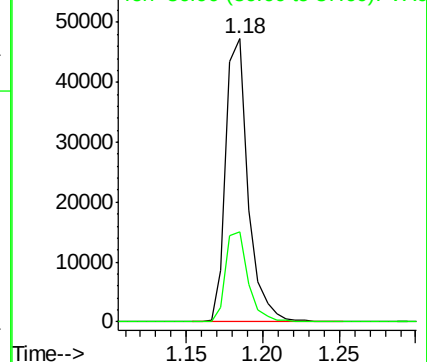
85 100

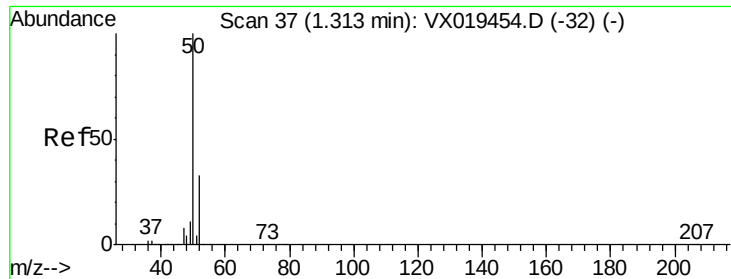
87 31.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 26.643 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 57915

Ion Ratio Lower Upper

50 100

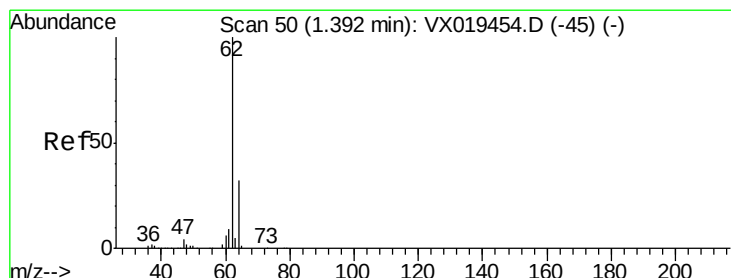
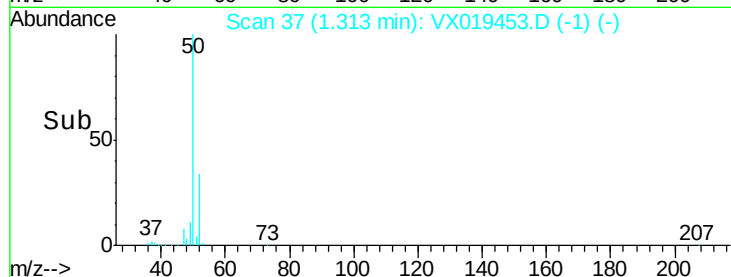
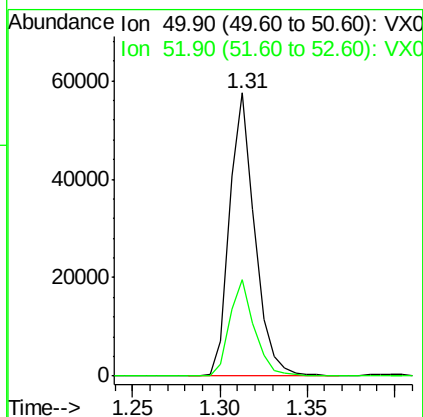
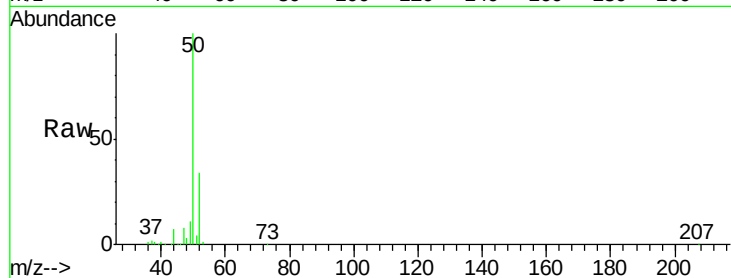
52 34.0 26.4 39.6

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#4

Vinyl Chloride

Concen: 23.519 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019453.D

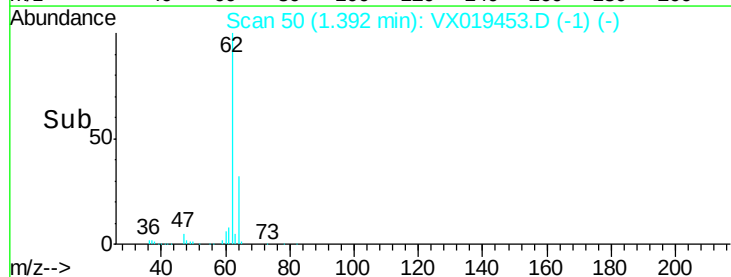
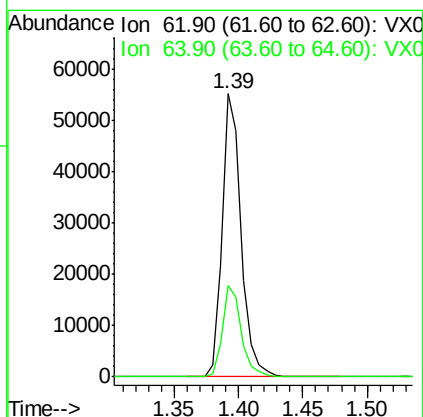
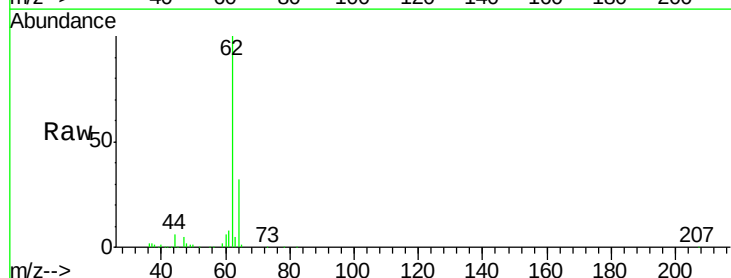
Acq: 18 Nov 2020 14:15

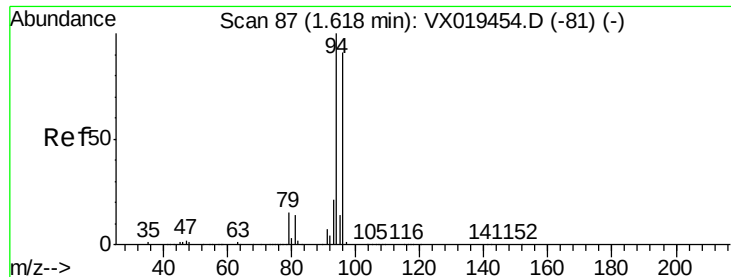
Tgt Ion: 62 Resp: 57338

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 17.722 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 27518

Ion Ratio Lower Upper

94 100

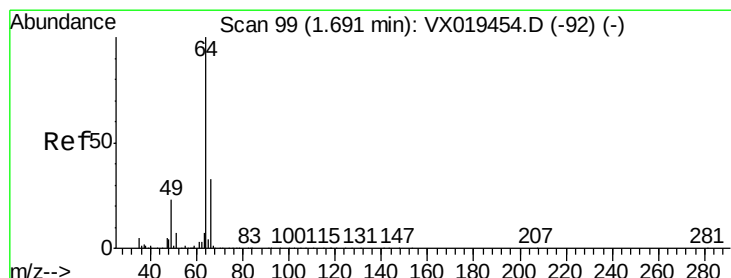
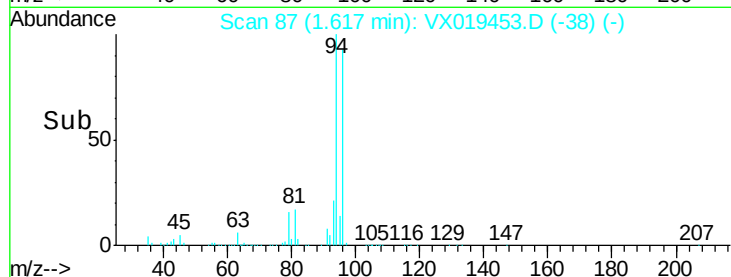
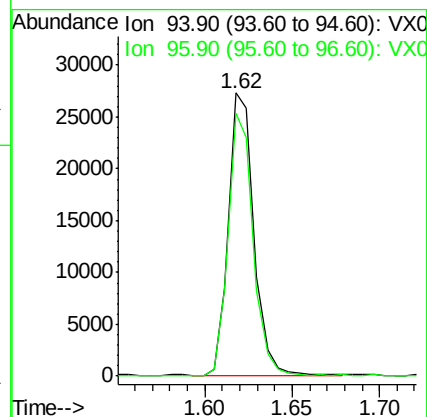
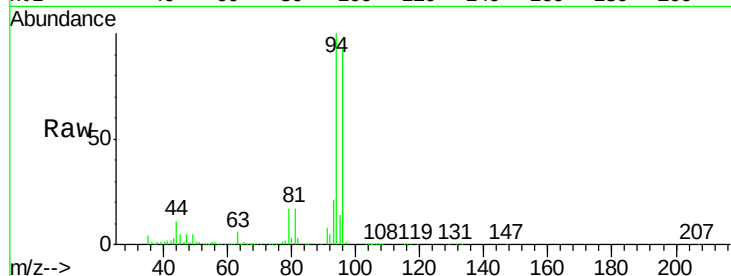
96 93.1 72.4 108.6

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#6

Chloroethane

Concen: 19.036 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.00 min

Lab File: VX019453.D

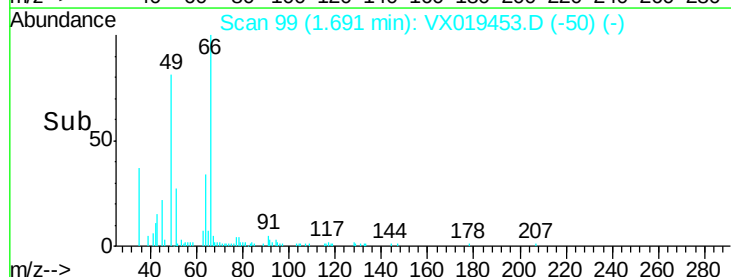
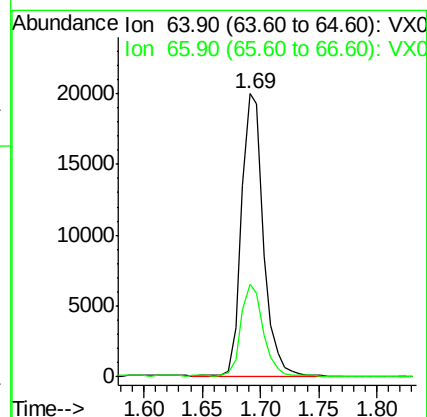
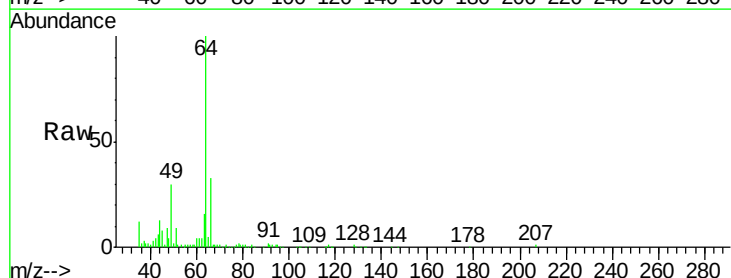
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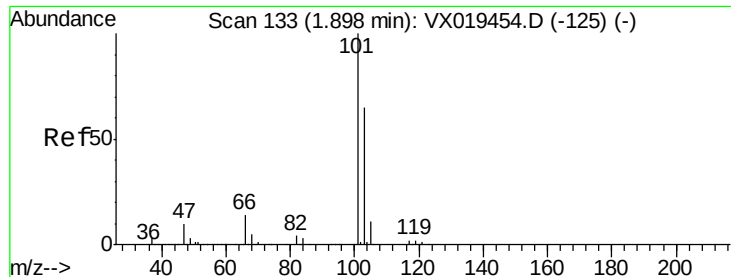
Tgt Ion: 64 Resp: 26648

Ion Ratio Lower Upper

64 100

66 32.6 26.1 39.1





#7

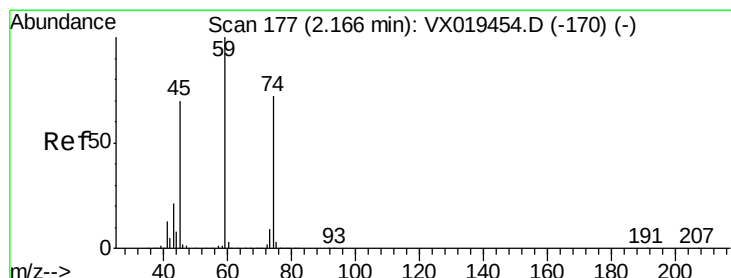
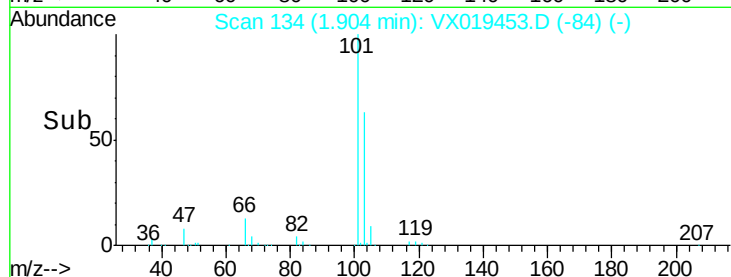
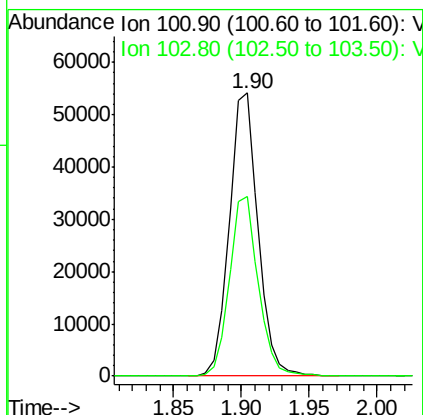
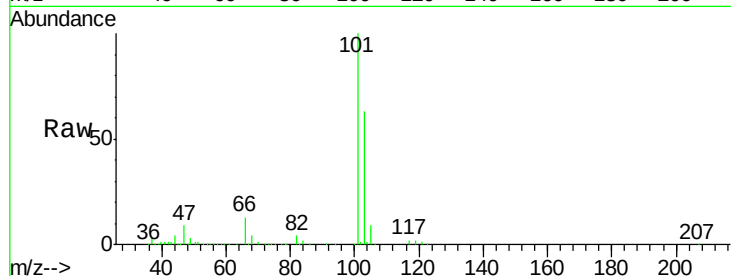
Trichlorofluoromethane
Concen: 21.385 ug/l
RT: 1.90 min Scan# 134
Delta R.T. 0.01 min
Lab File: VX019453.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		79345		
103	63.4	51.8	77.8		

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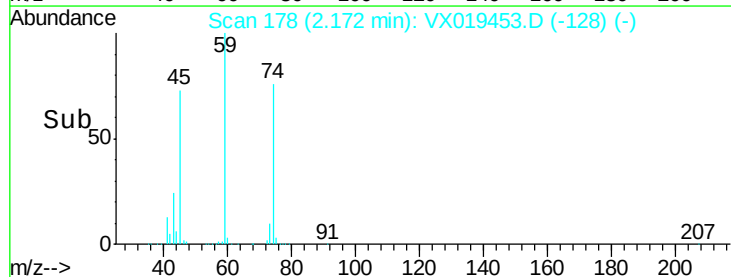
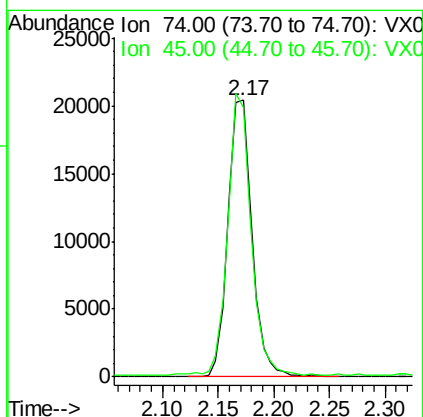
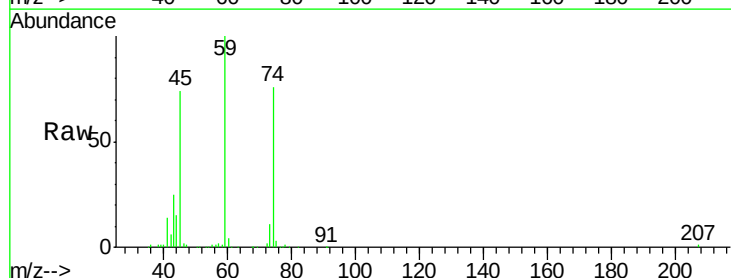
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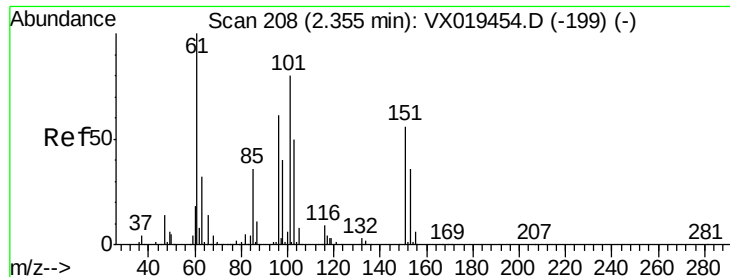


#8

Diethyl Ether
Concen: 21.476 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		30751		
45	99.0	48.8	146.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.561 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

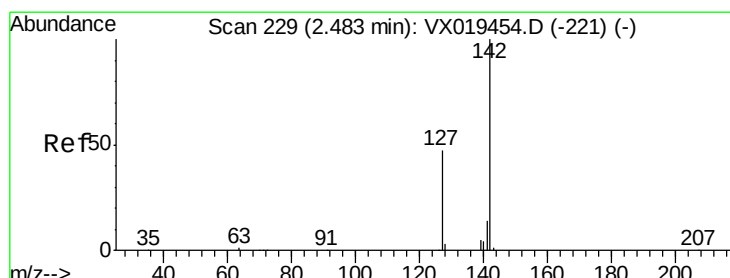
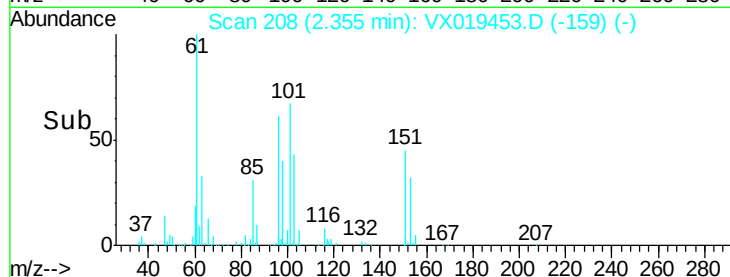
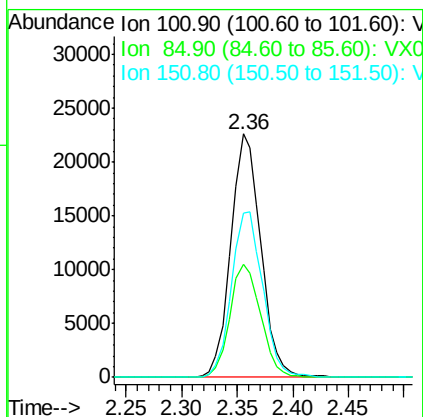
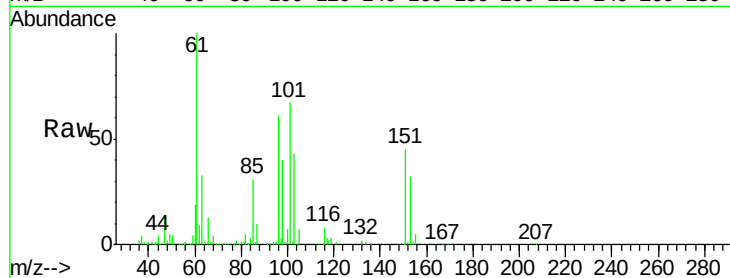
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	42276
Ion Ratio	Lower	Upper	
101	100		
85	47.4	36.9	55.3
151	70.8	56.8	85.2

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#10

Methyl Iodide

Concen: 23.358 ug/l

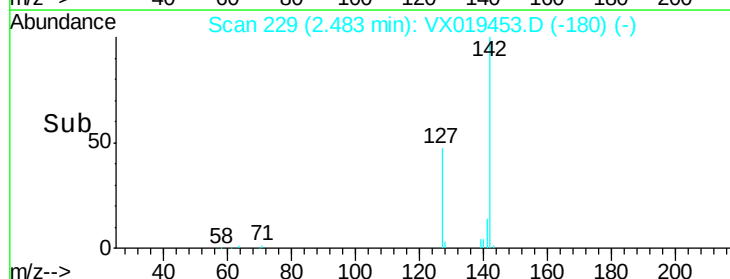
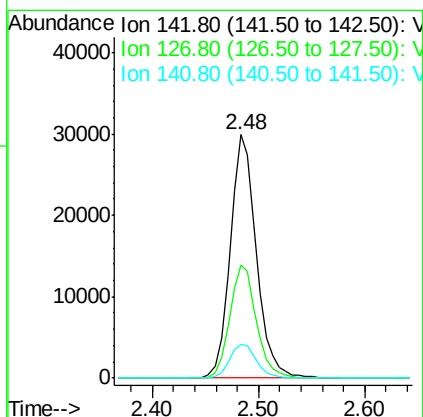
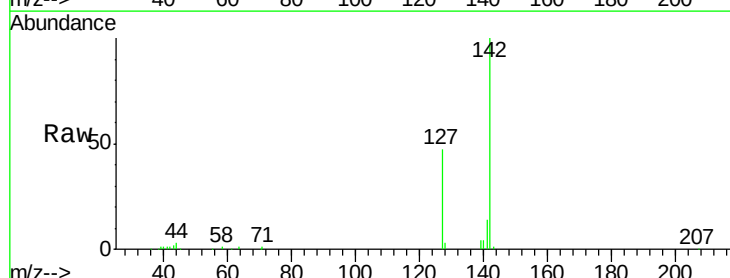
RT: 2.48 min Scan# 229

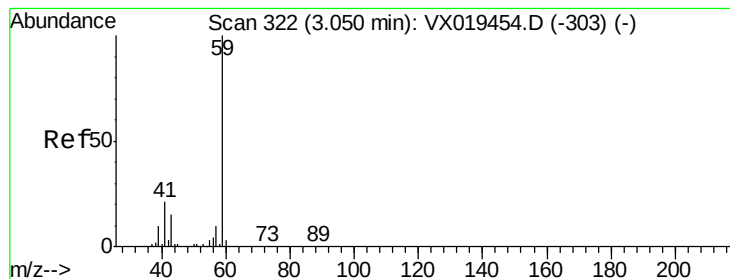
Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Tgt Ion:	142	Resp:	51277
Ion Ratio	Lower	Upper	
142	100		
127	47.2	37.8	56.6
141	14.2	11.4	17.2





#11

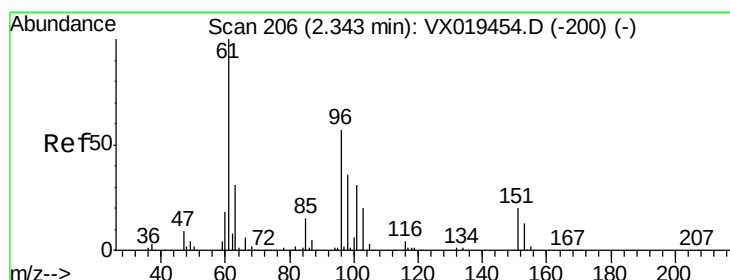
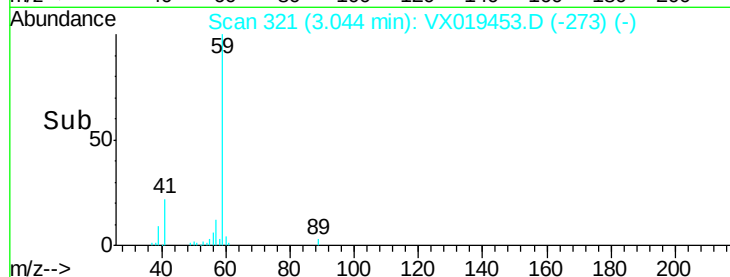
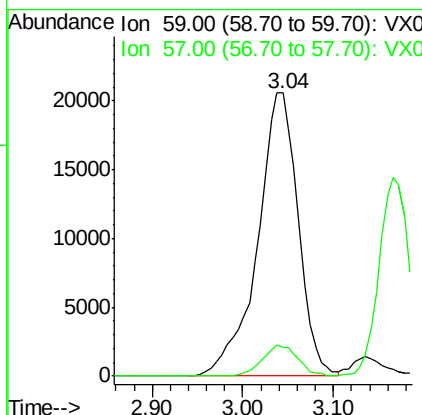
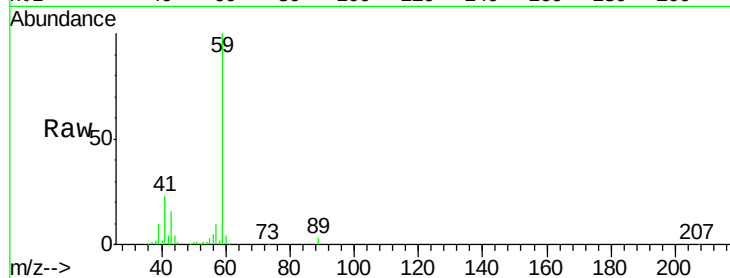
Tert butyl alcohol
 Concen: 112.753 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.4	12.6

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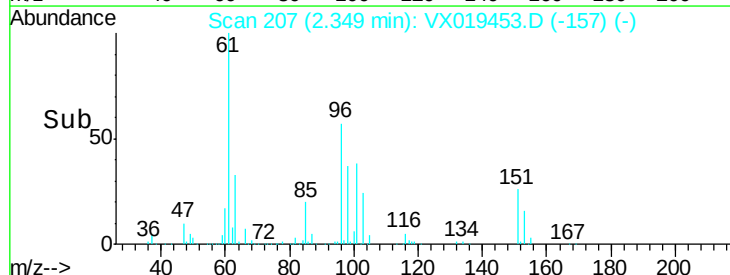
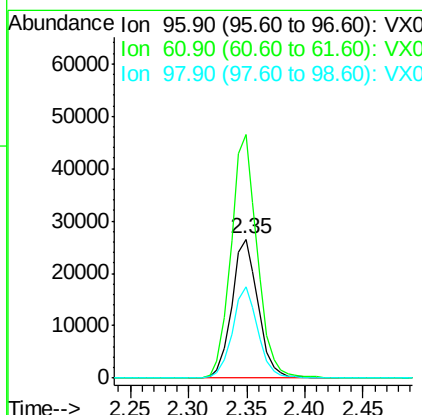
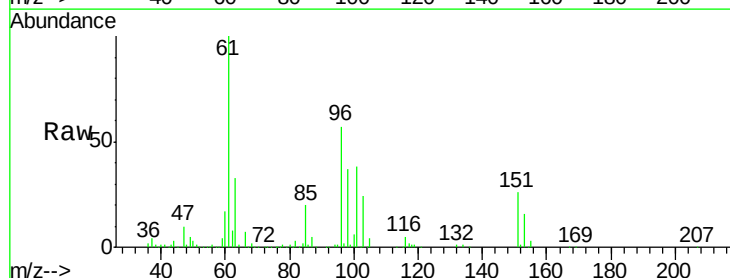
MMDadoda
 11/19/2020 11:58:04 AM

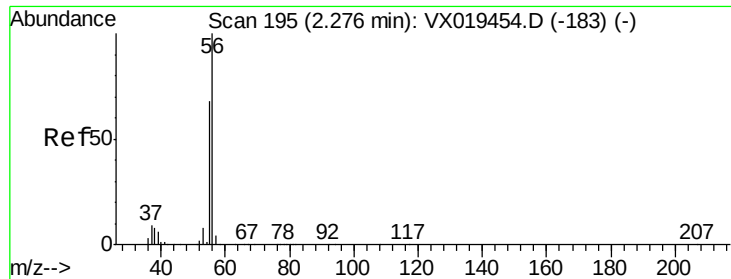


#12

1,1-Dichloroethene
 Concen: 19.782 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.9	139.2	208.8
98	65.6	50.3	75.5





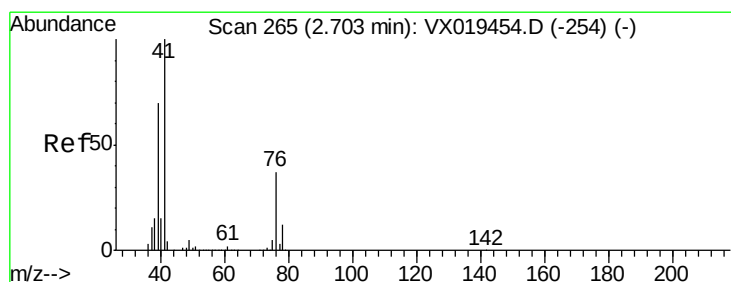
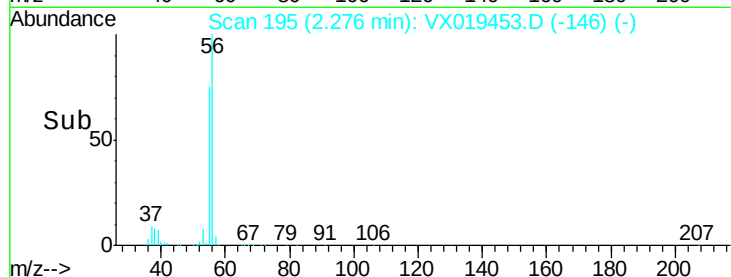
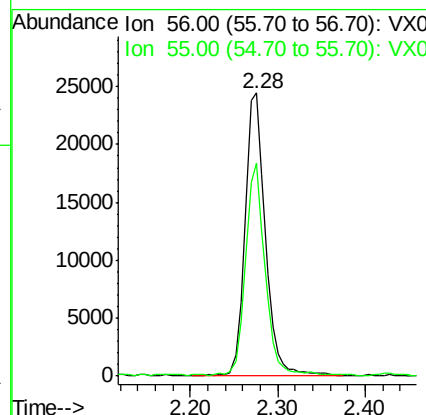
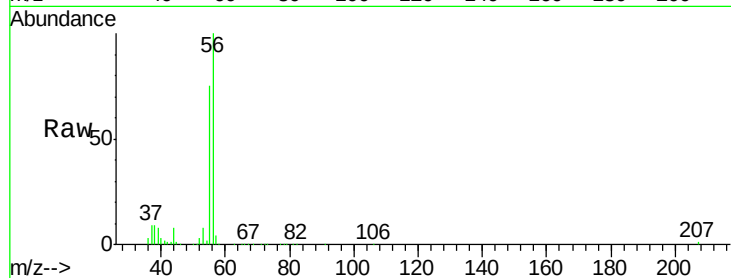
#13
Acrolein
Concen: 129.703 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	56	55	Ratio	Lower	Upper
39949	100	71.5		55.9	83.9

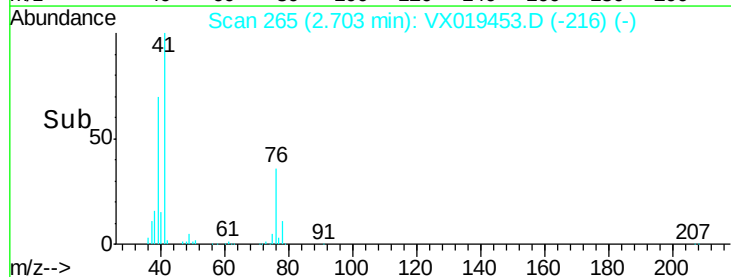
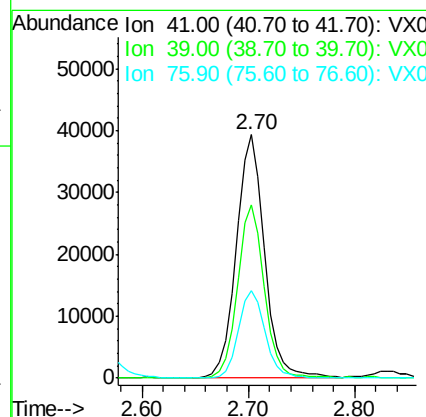
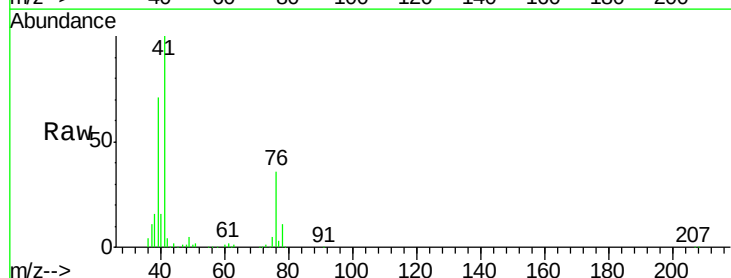
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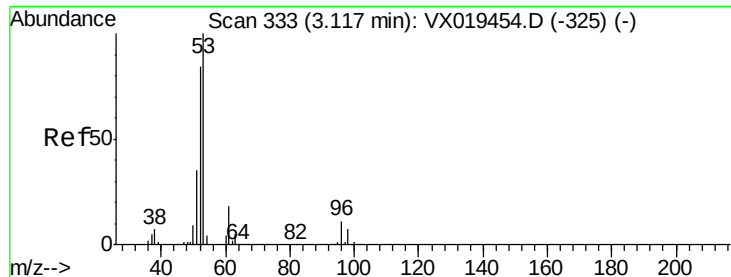
MMDadoda
11/19/2020 11:58:04 AM



#14
Allyl chloride
Concen: 22.071 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	41	39	76	Ratio	Lower	Upper
72802	100	67.3	34.2		53.2	79.8





#15

Acrylonitrile

Concen: 113.790 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

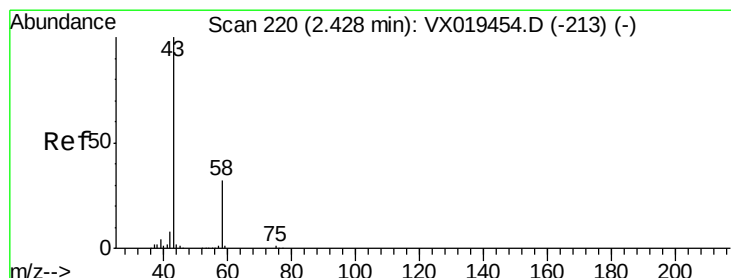
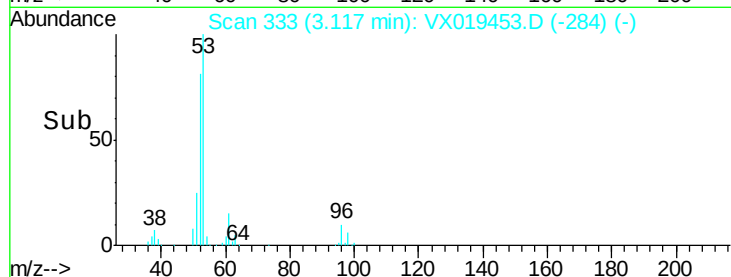
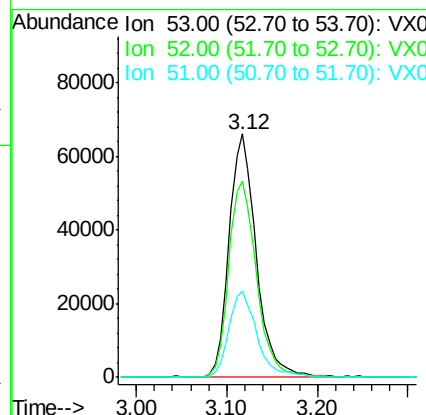
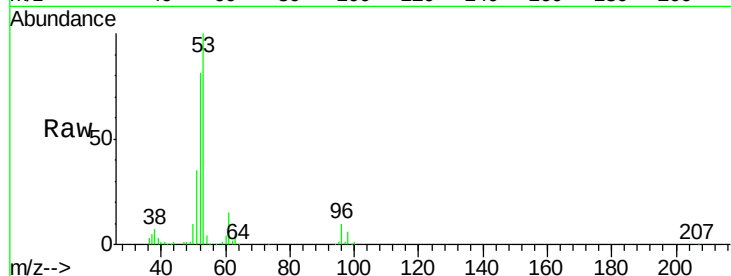
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	136681
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.3	99.5
51	36.5	28.5	42.7

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#16

Acetone

Concen: 118.652 ug/l

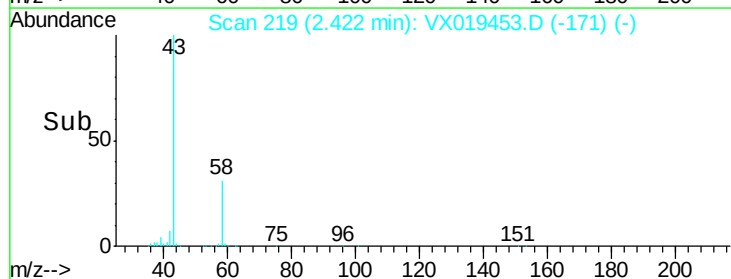
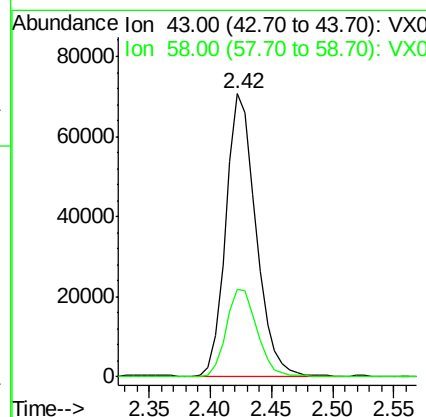
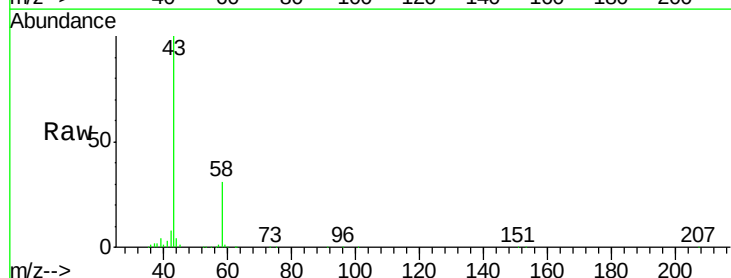
RT: 2.42 min Scan# 219

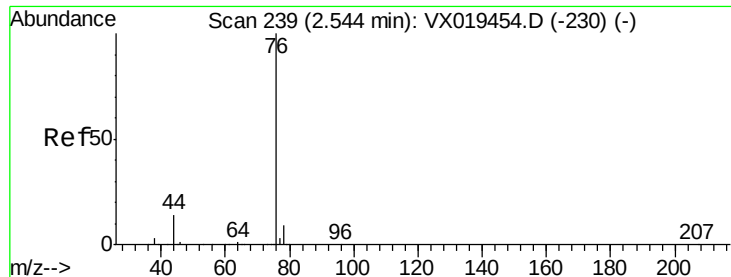
Delta R.T. -0.01 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Tgt Ion:	43	Resp:	119947
Ion Ratio	Lower	Upper	
43	100		
58	31.0	25.4	38.0





#17

Carbon Disulfide

Concen: 17.756 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 113785

Ion Ratio Lower Upper

76 100

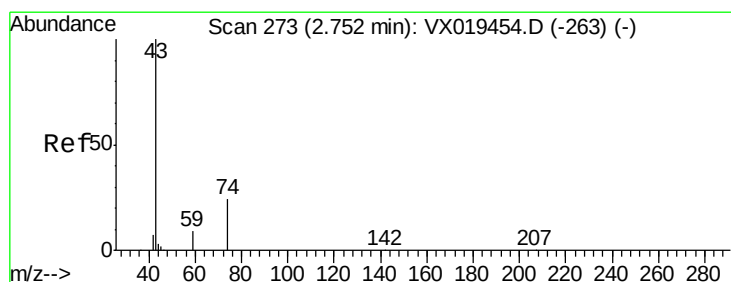
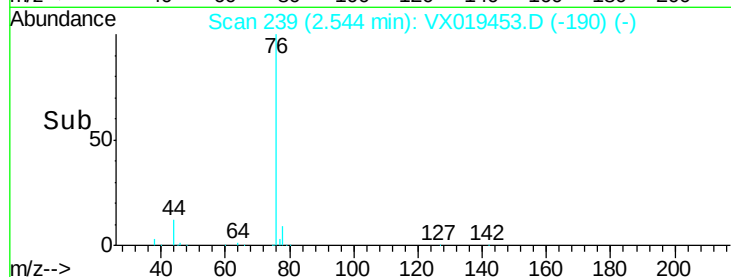
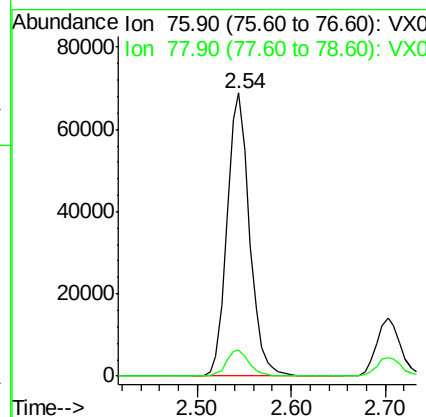
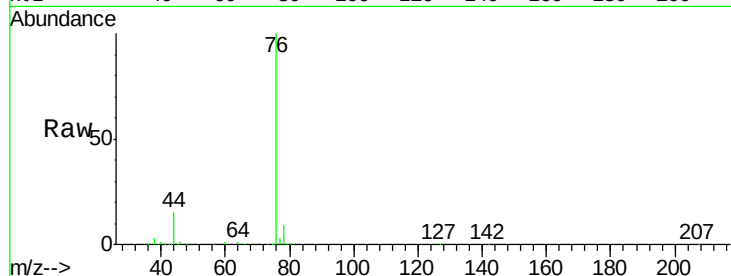
78 9.4 7.4 11.2

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#18

Methyl Acetate

Concen: 23.825 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX019453.D

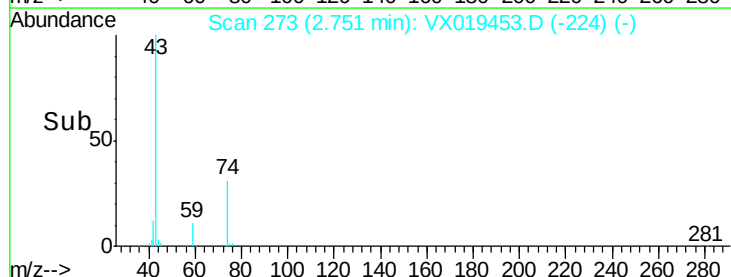
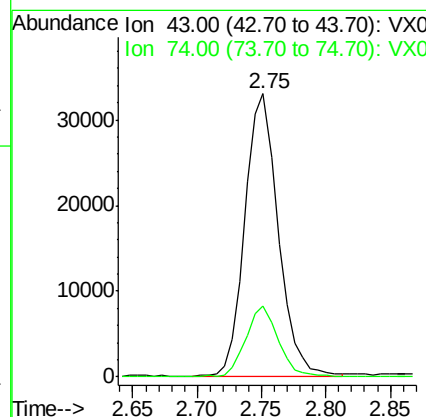
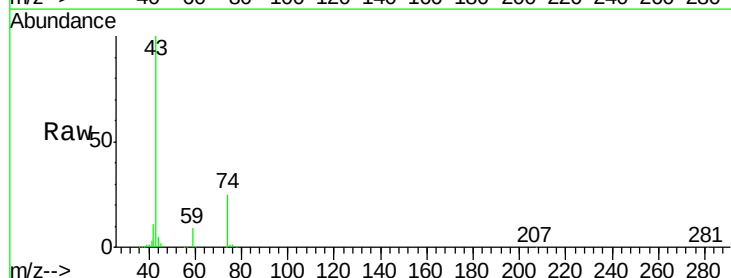
Acq: 18 Nov 2020 14:15

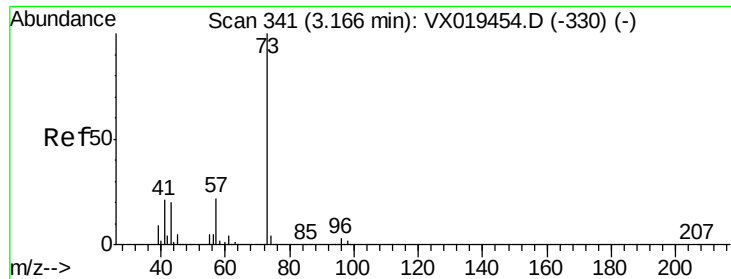
Tgt Ion: 43 Resp: 58656

Ion Ratio Lower Upper

43 100

74 24.8 19.9 29.9





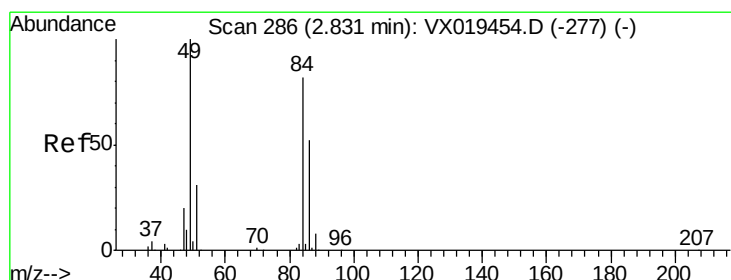
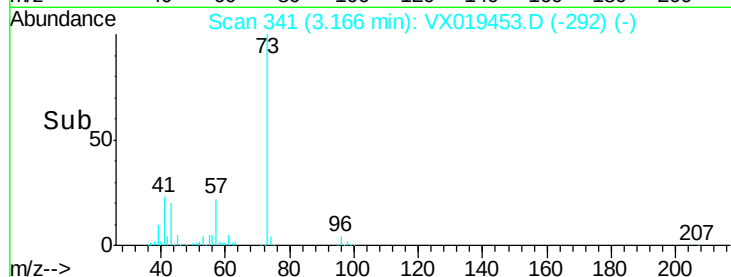
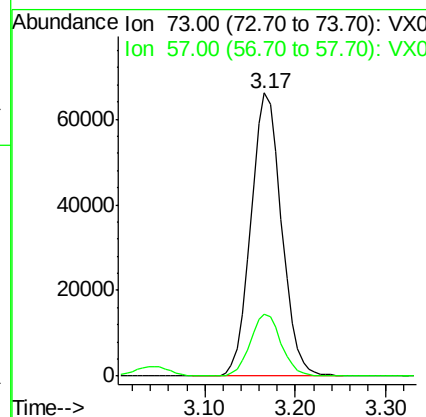
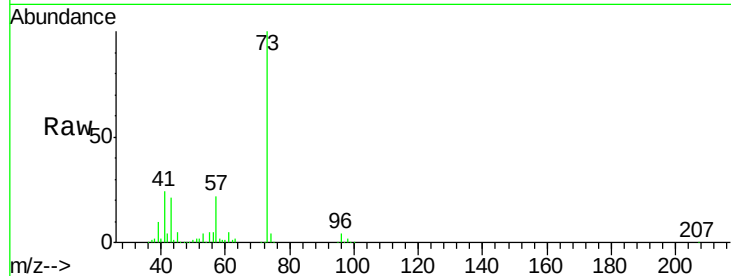
#19
Methyl tert-butyl Ether
Concen: 20.937 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.5	26.3

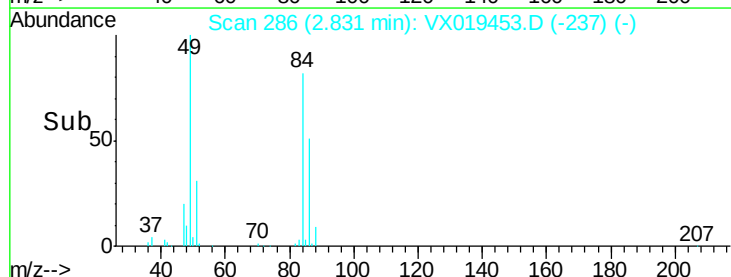
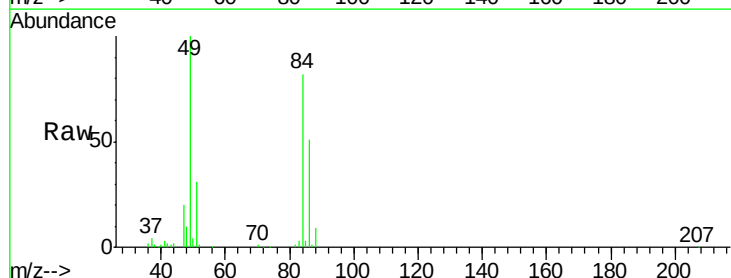
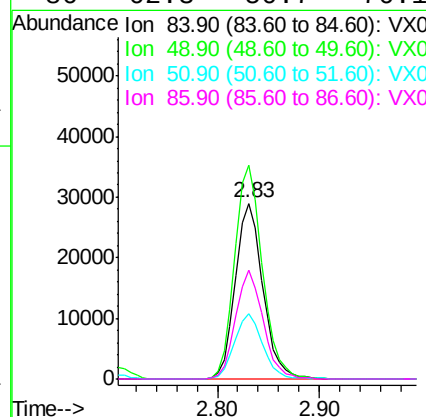
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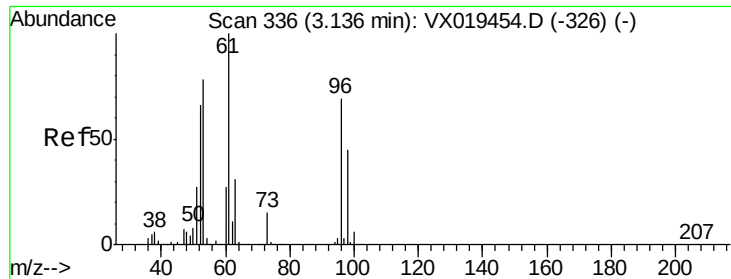
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#20
Methylene Chloride
Concen: 21.872 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.8	97.6	146.4
51	37.3	30.6	45.8
86	62.3	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 19.732 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 47933

Ion Ratio Lower Upper

96 100

61 136.6 116.0 174.0

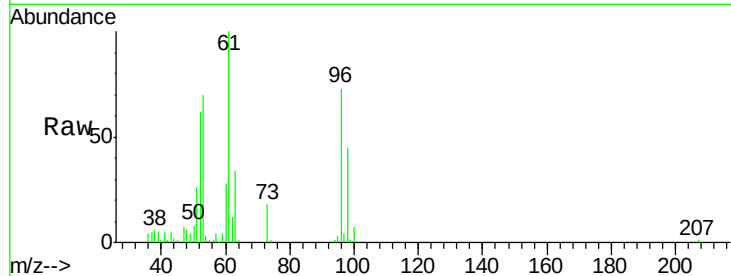
98 61.6 51.8 77.6

Manual Integrations

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MMDadoda

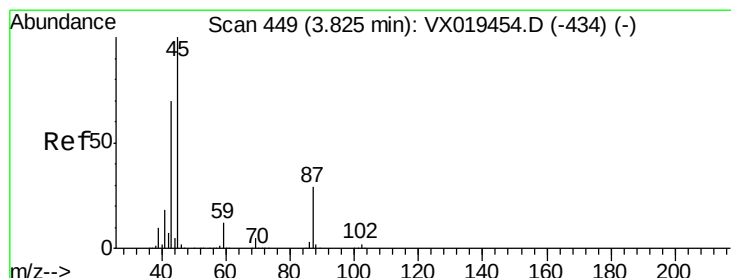
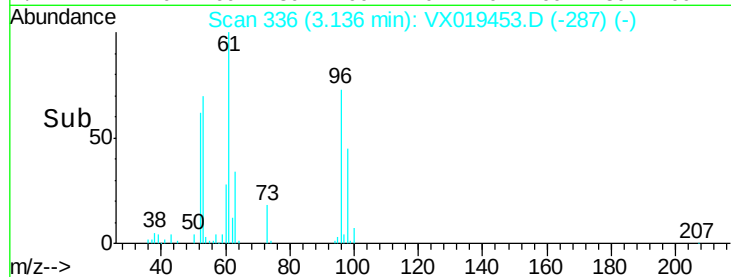
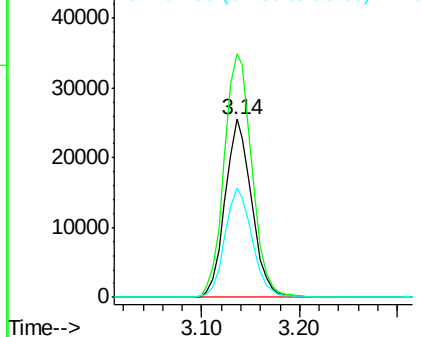
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 23.569 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Tgt Ion: 45 Resp: 155959

Ion Ratio Lower Upper

45 100

43 71.3 56.6 84.8

87 29.2 22.9 34.3

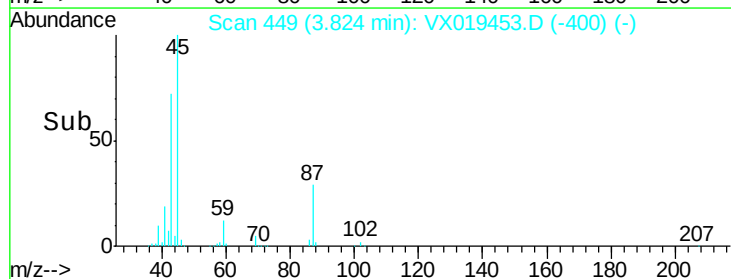
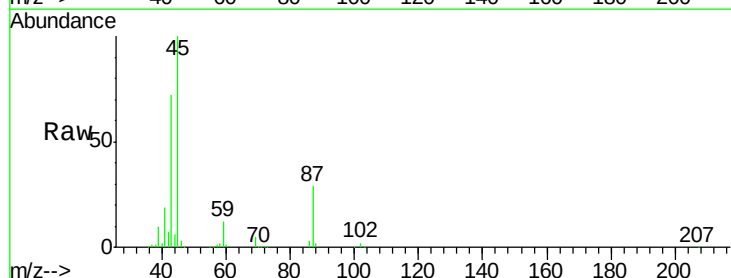
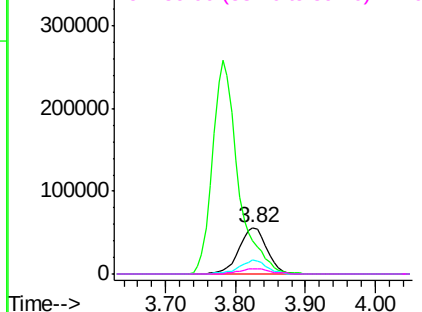
59 12.2 9.6 14.4

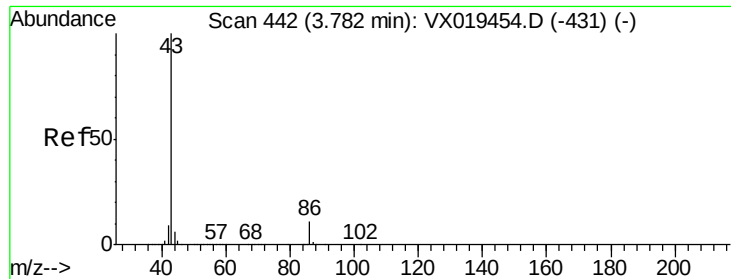
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 112.273 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 658401

Ion Ratio Lower Upper

43 100

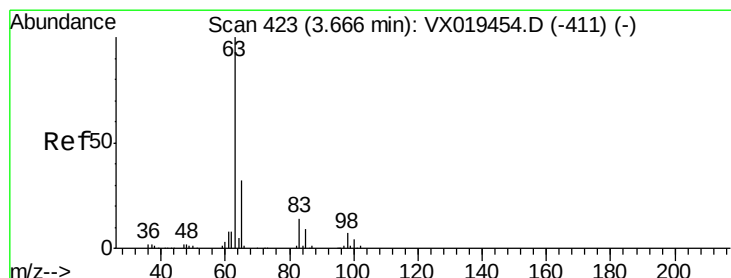
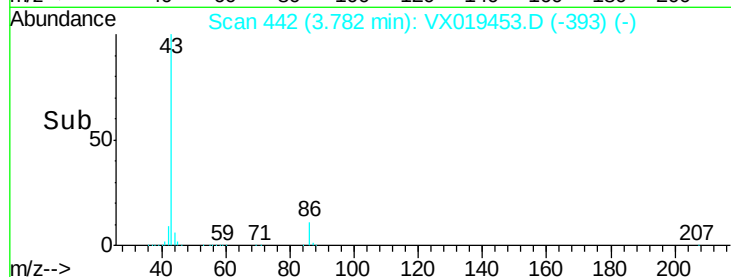
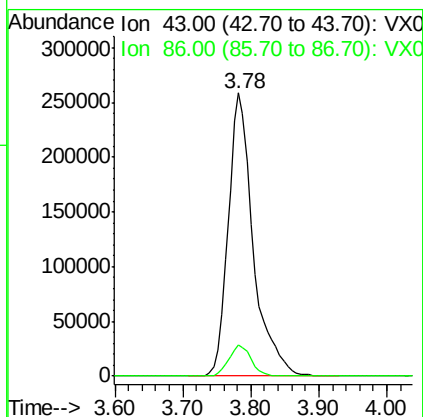
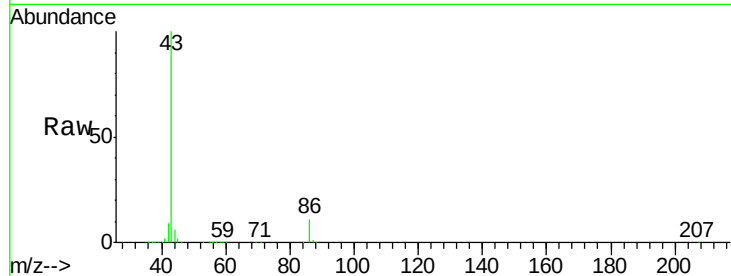
86 11.2 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 22.575 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

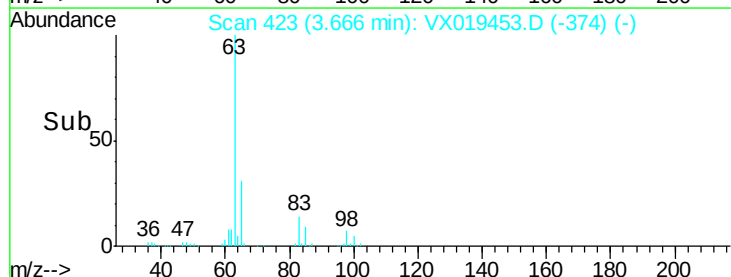
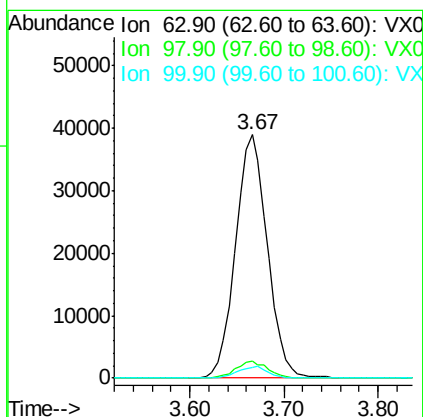
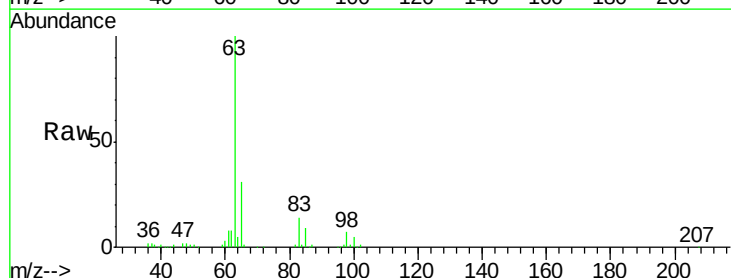
Tgt Ion: 63 Resp: 91647

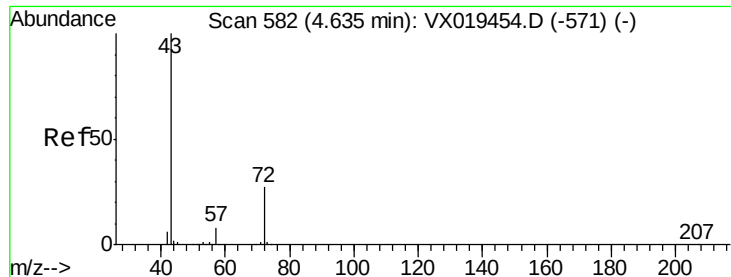
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 117.242 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 186194

Ion Ratio Lower Upper

43 100

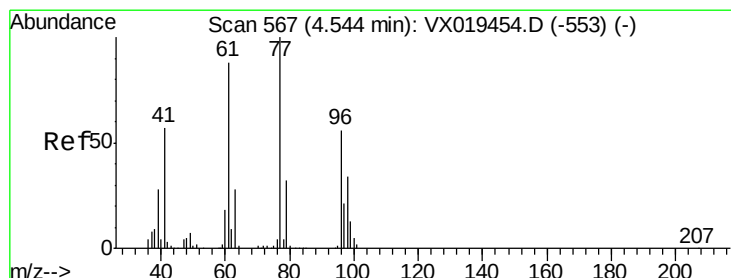
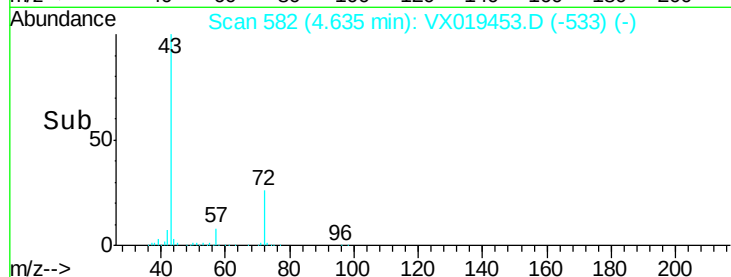
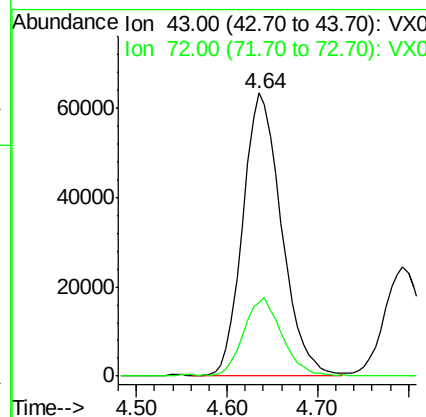
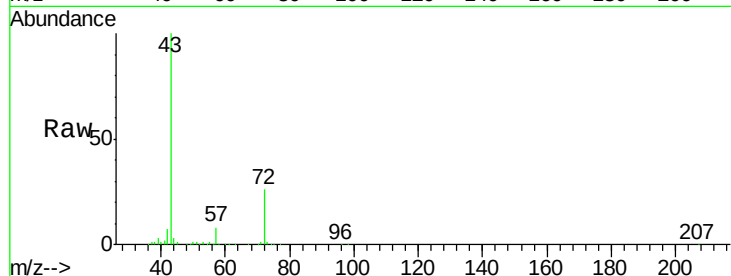
72 25.8 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.881 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019453.D

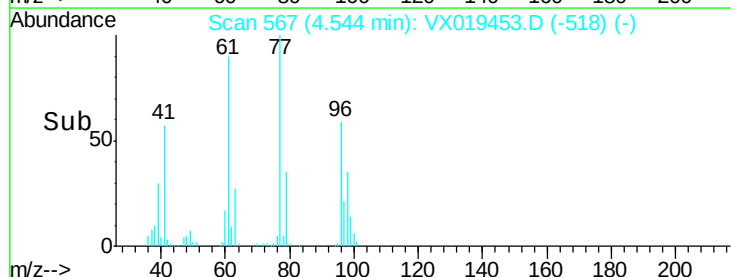
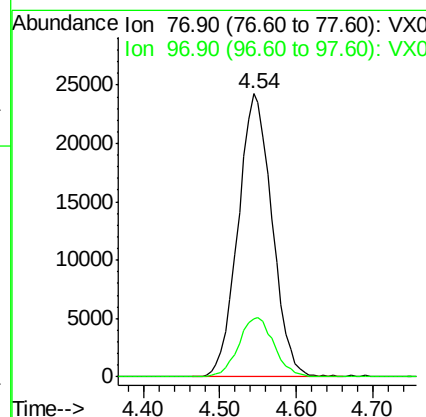
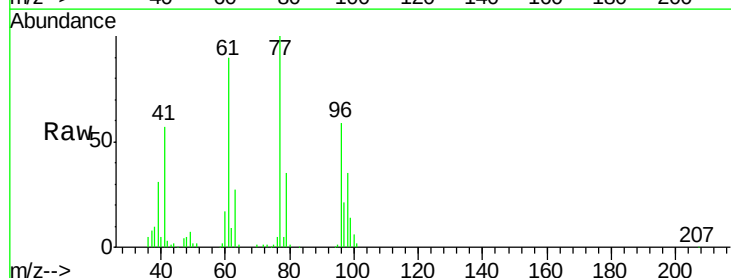
Acq: 18 Nov 2020 14:15

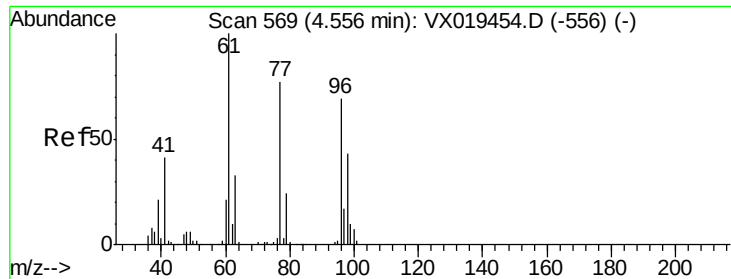
Tgt Ion: 77 Resp: 74838

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.9





#27

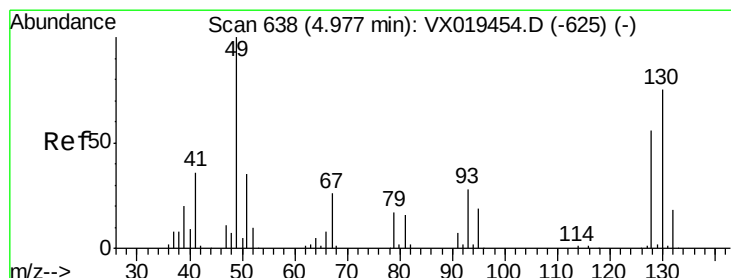
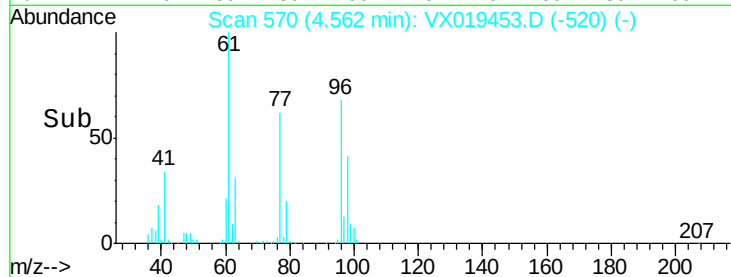
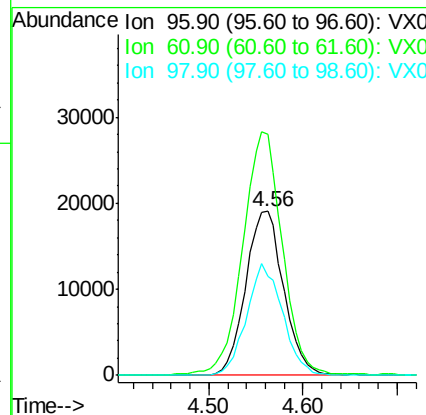
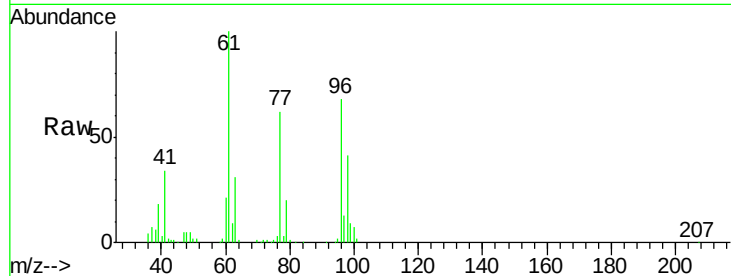
cis-1,2-Dichloroethene
Concen: 19.851 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	53870		
61	154.5		0.0	307.8
98	64.5		0.0	128.6

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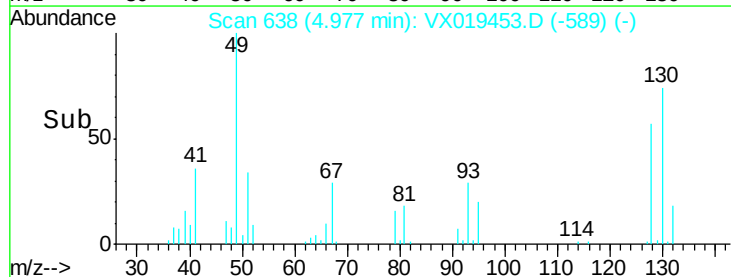
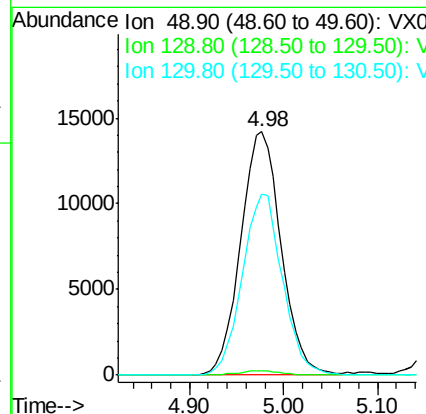
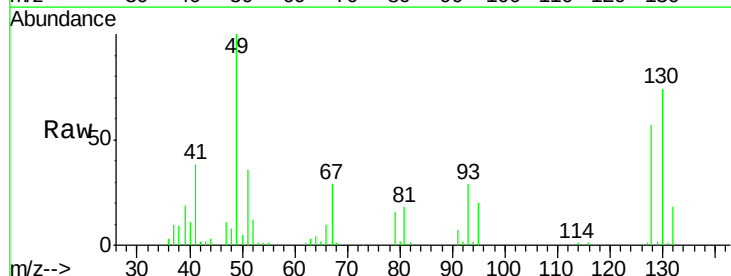
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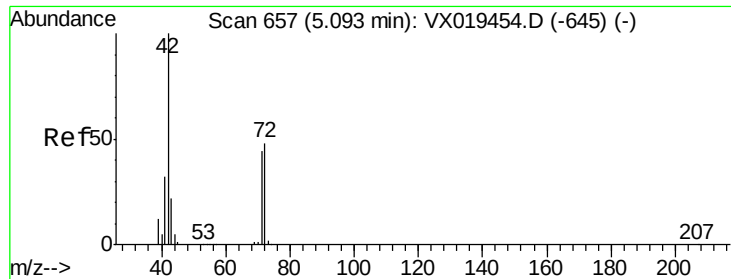


#28

Bromochloromethane
Concen: 22.758 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42621		
129	1.7		0.0	3.8
130	73.6		59.2	88.8





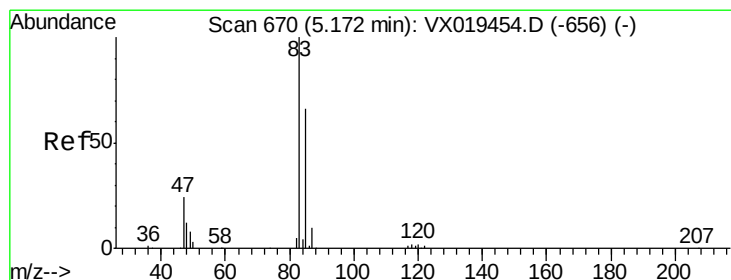
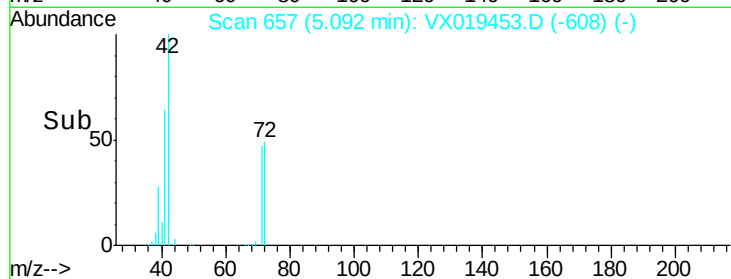
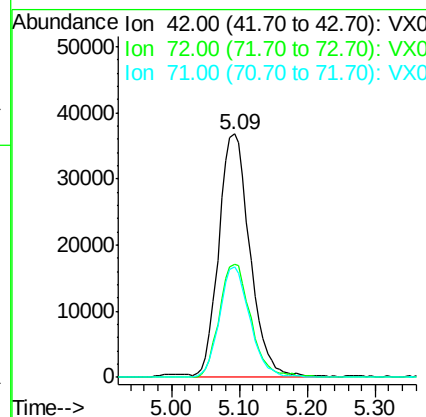
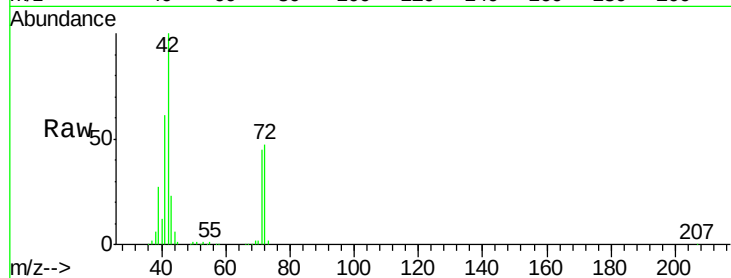
#29
Tetrahydrofuran
Concen: 116.749 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	38.1	57.1
71	44.4	34.6	51.8

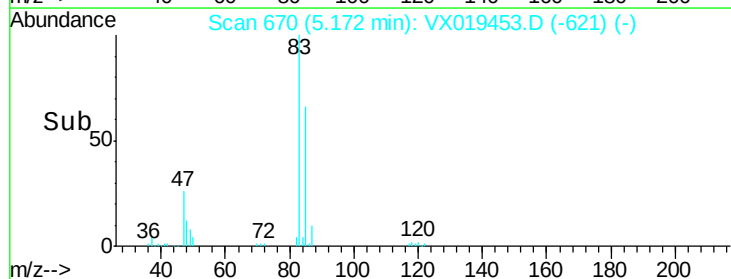
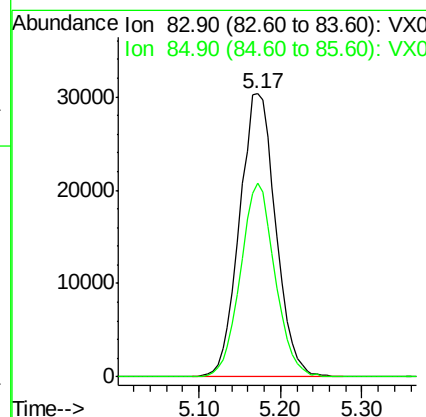
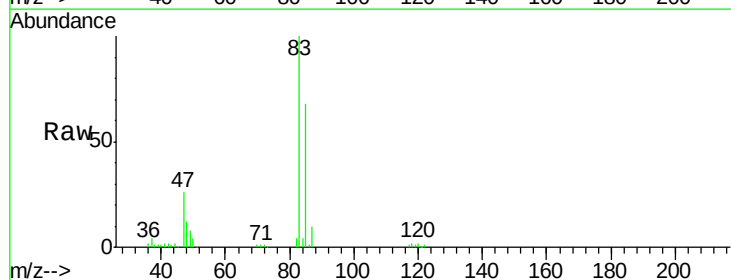
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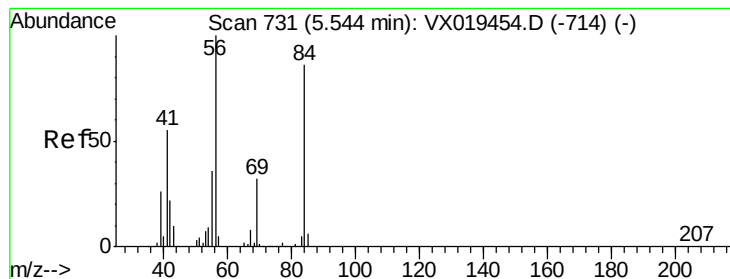
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#30
Chloroform
Concen: 21.827 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.5	52.4	78.6





#31

Cyclohexane

Concen: 20.408 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.01 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

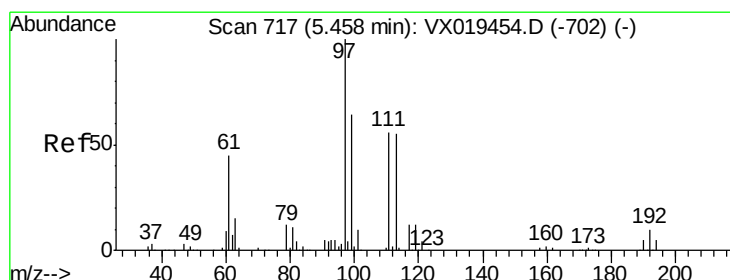
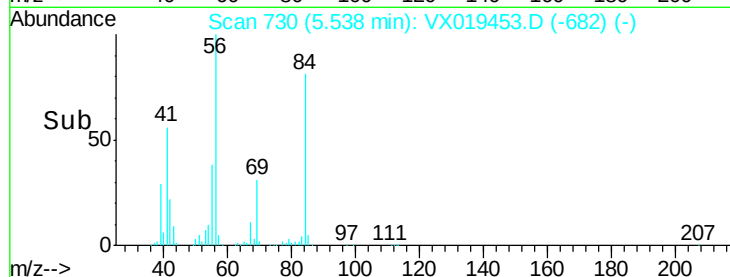
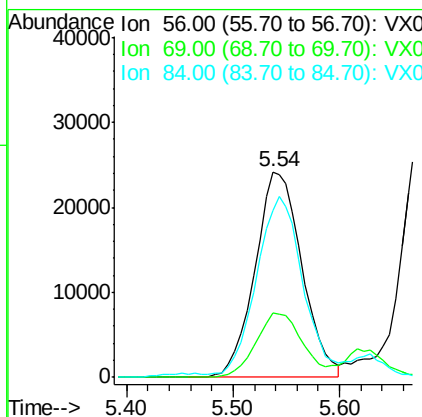
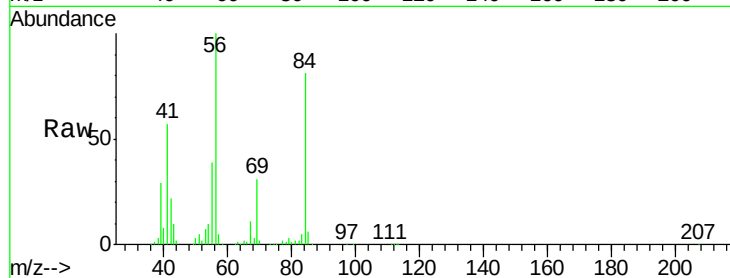
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	74228
Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.2	37.8
84	79.7	68.5	102.7

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#32

1,1,1-Trichloroethane

Concen: 20.994 ug/l

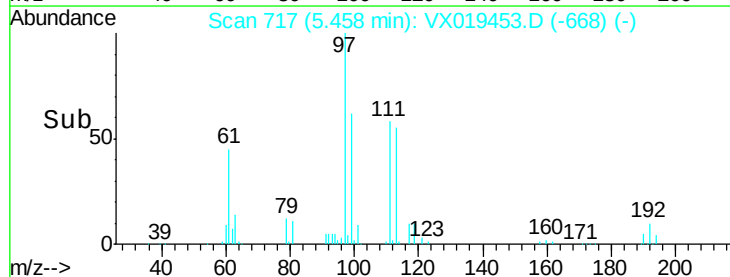
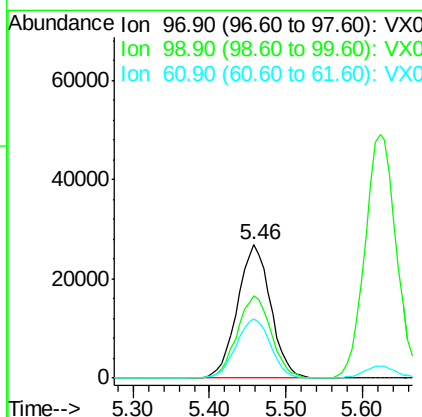
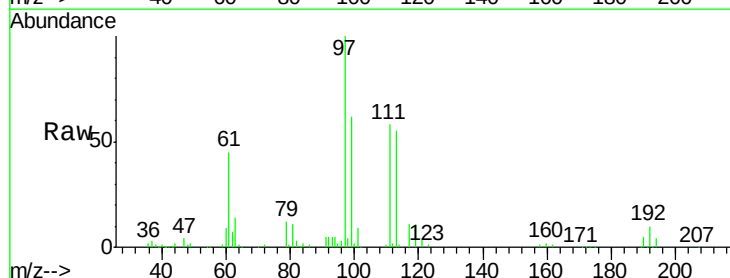
RT: 5.46 min Scan# 717

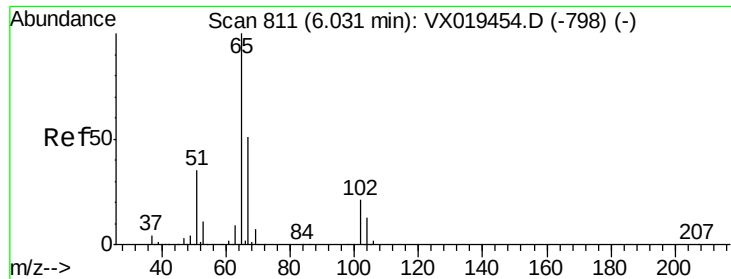
Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Tgt Ion:	97	Resp:	81060
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.9	77.9
61	46.3	36.2	54.2





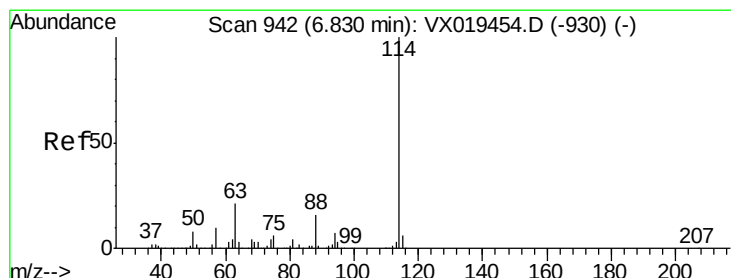
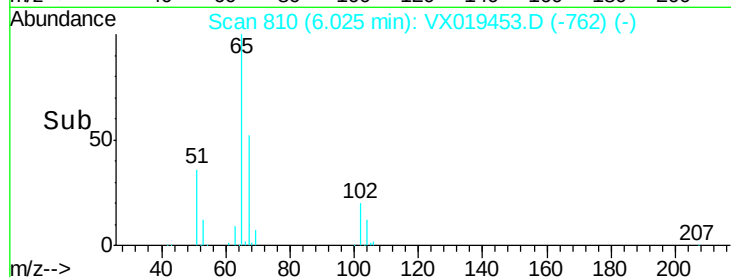
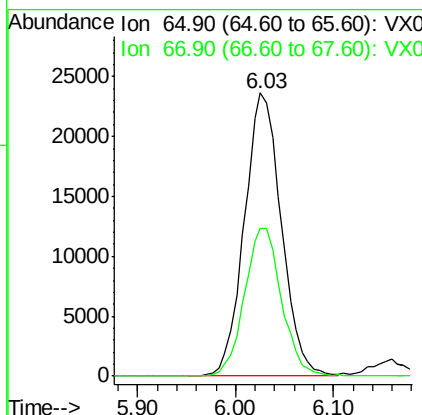
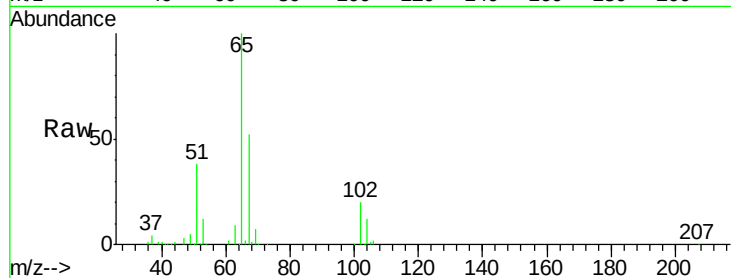
#33
 1,2-Dichloroethane-d4
 Concen: 21.521 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.4

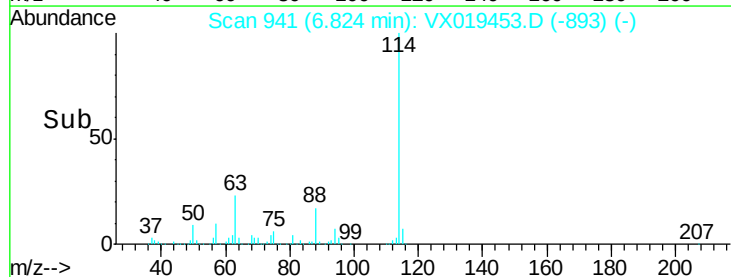
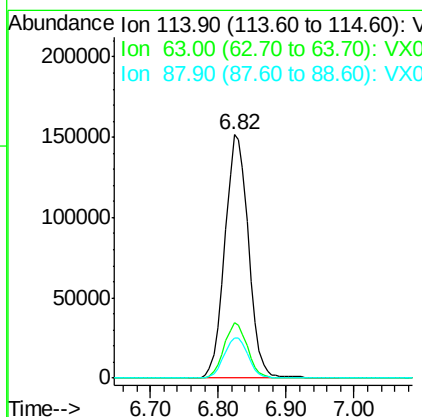
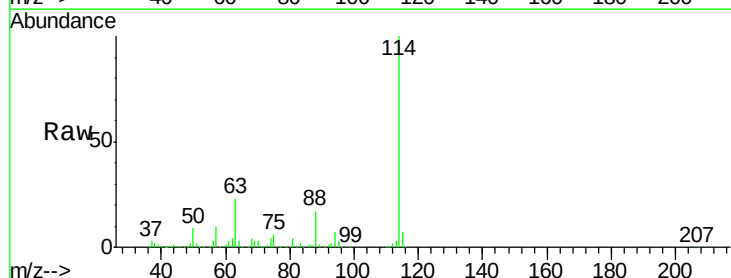
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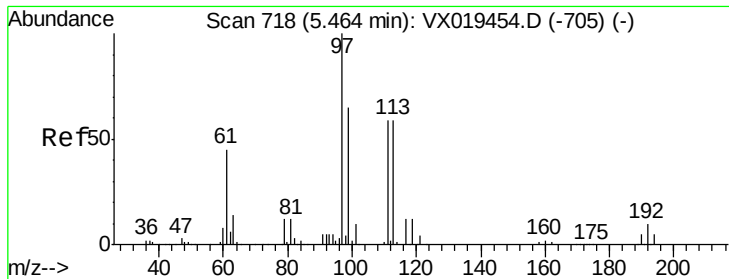
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	42.0
88	16.7	0.0	32.0





#35

Dibromofluoromethane

Concen: 19.151 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

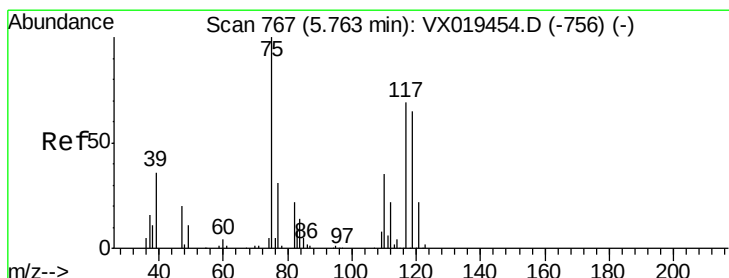
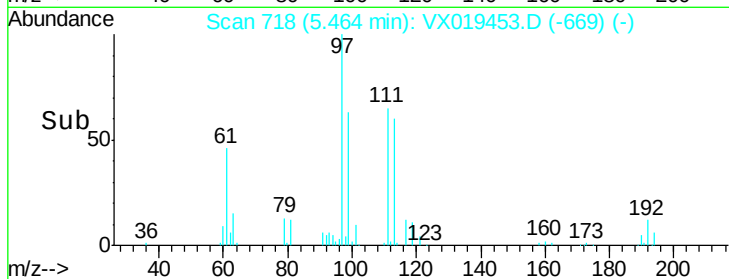
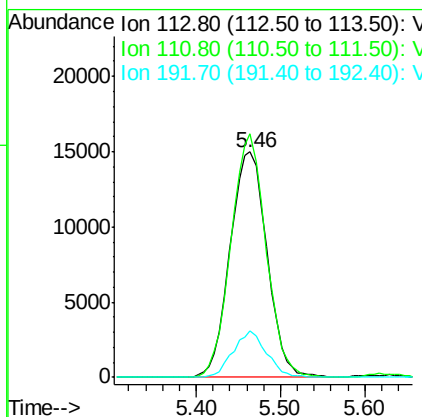
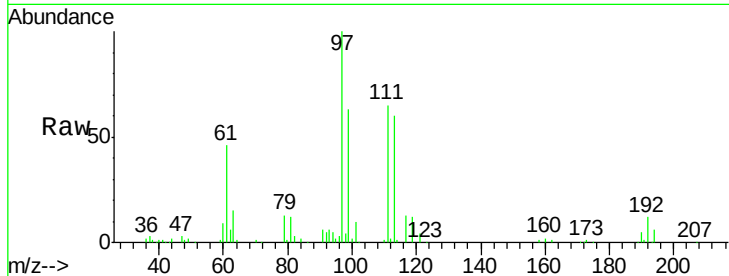
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	44567
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	18.3	14.2	21.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.719 ug/l

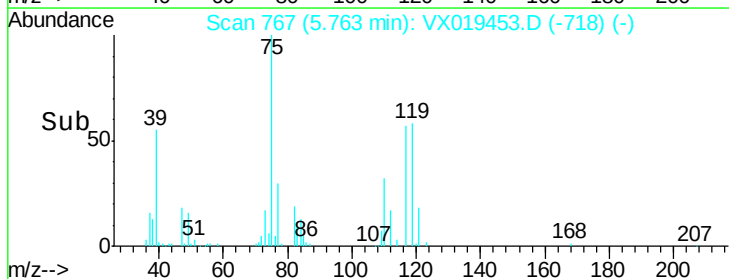
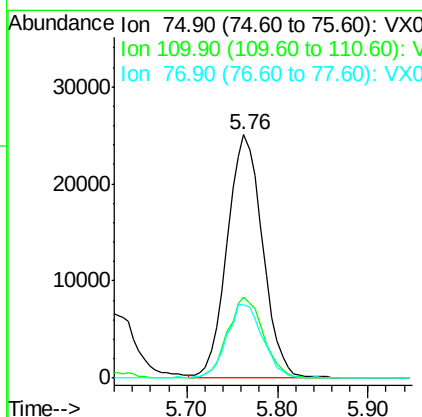
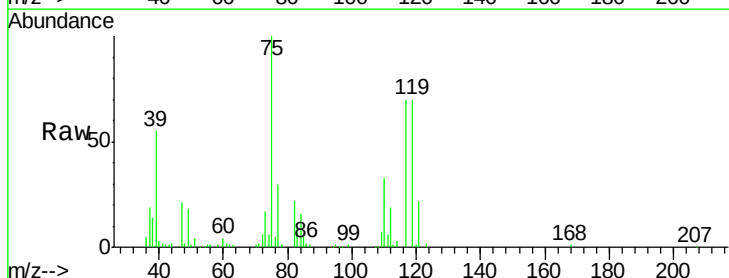
RT: 5.76 min Scan# 767

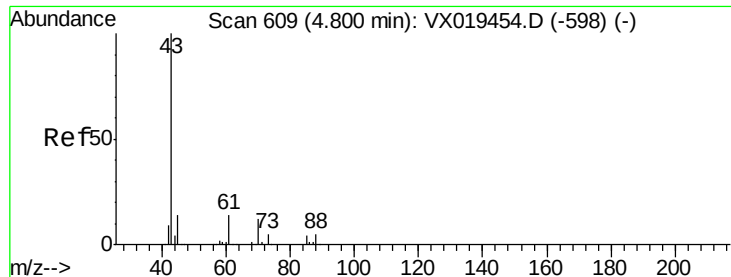
Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Tgt Ion:	75	Resp:	67660
Ion	Ratio	Lower	Upper
75	100		
110	33.6	17.0	50.9
77	31.2	24.7	37.1





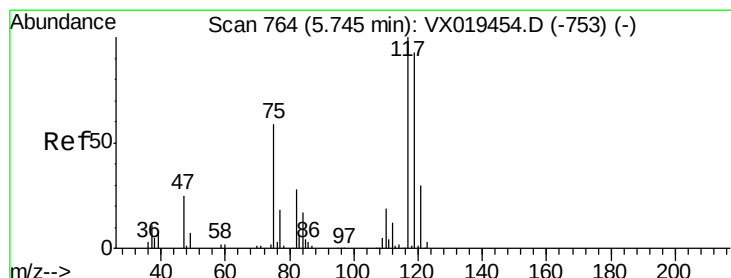
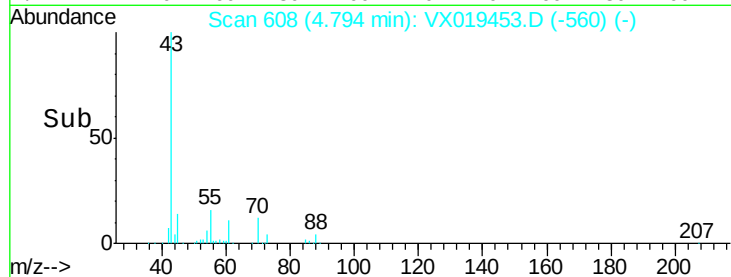
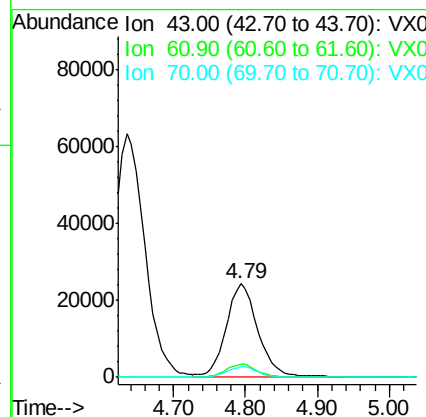
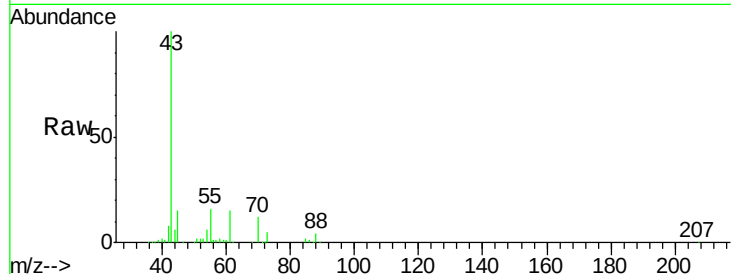
#37
Ethyl Acetate
Concen: 22.406 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	43	Resp	72994
Ion Ratio	Lower	Upper	
43	100		
61	14.5	11.6	17.4
70	11.3	9.2	13.8

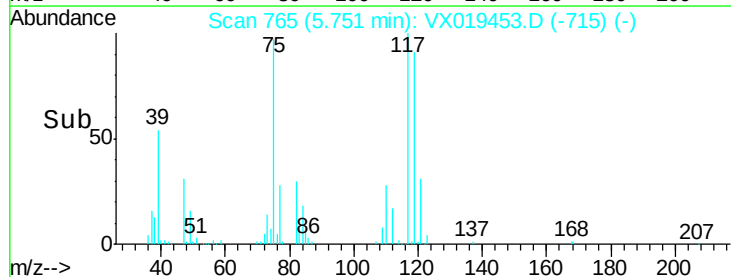
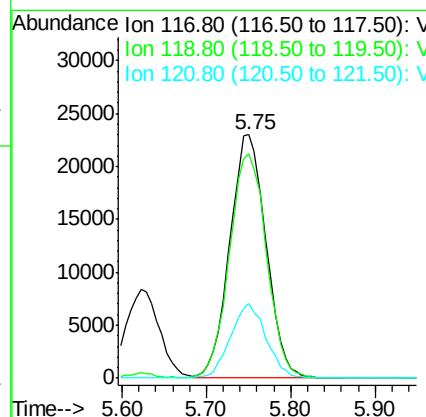
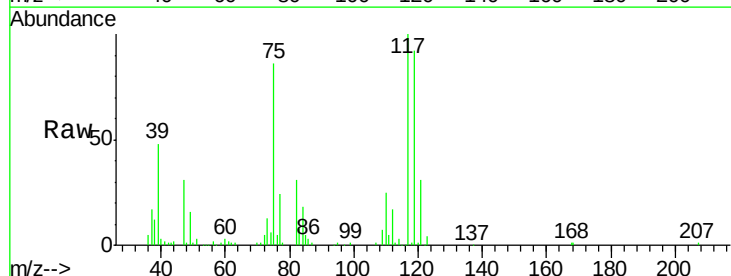
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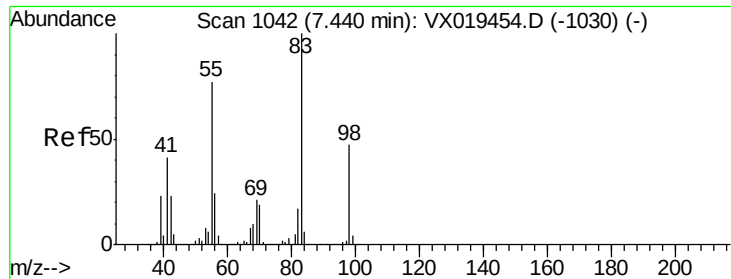
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#38
Carbon Tetrachloride
Concen: 19.426 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.01 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	117	Resp	67336
Ion Ratio	Lower	Upper	
117	100		
119	92.4	74.1	111.1
121	30.8	23.6	35.4





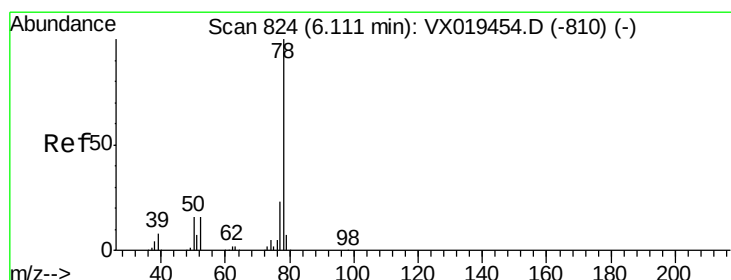
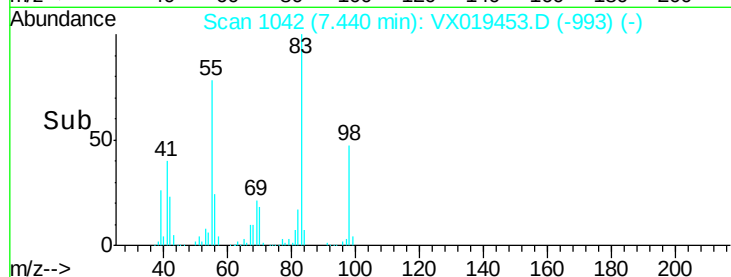
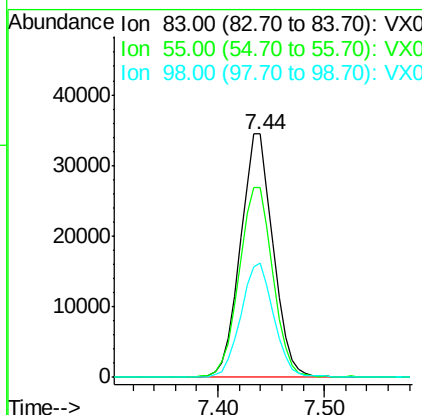
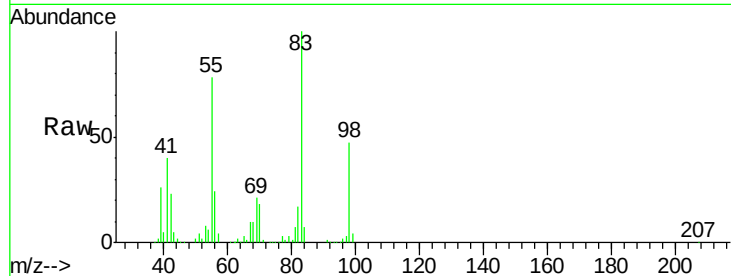
#39
Methylvlcyclohexane
Concen: 18.308 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.4	92.0
98	47.1	37.6	56.4

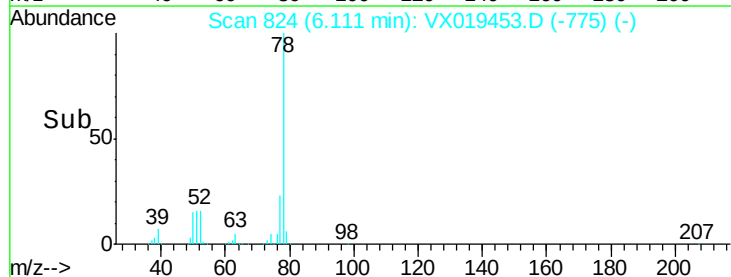
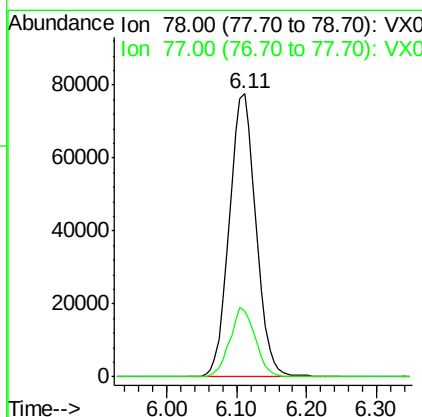
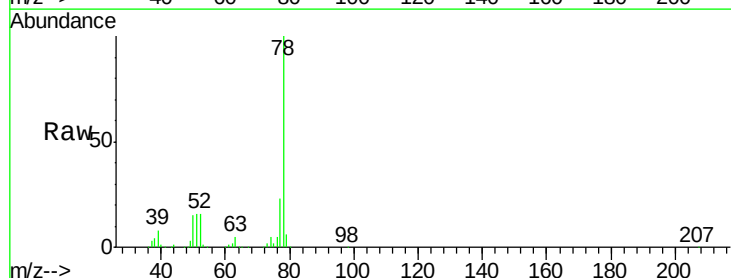
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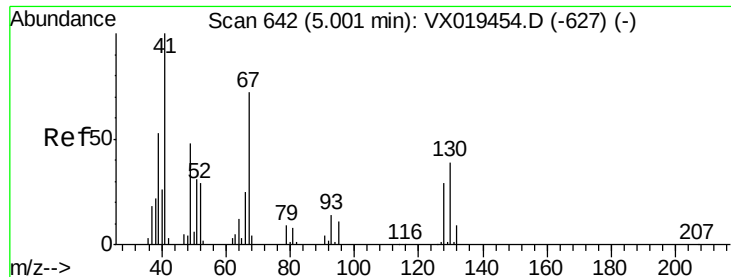
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#40
Benzene
Concen: 21.037 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





#41

Methacrylonitrile

Concen: 21.632 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

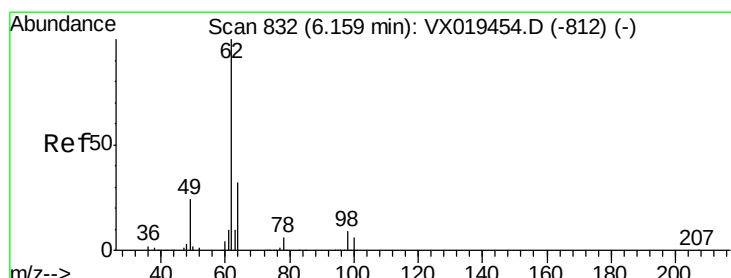
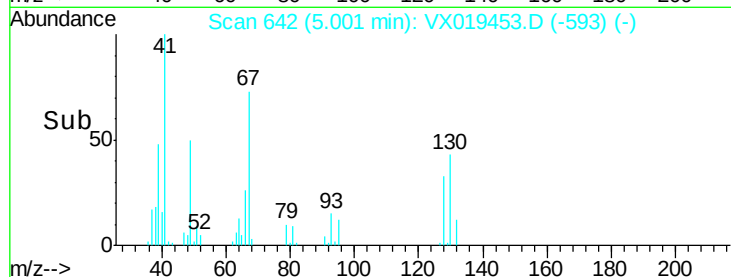
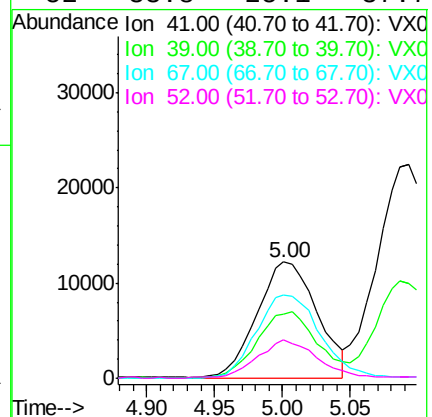
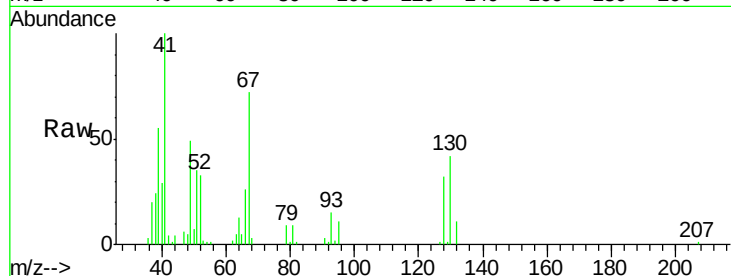
VSTDIC020

Tot Ion: 41 Resp: 37926

Ion	Ratio	Lower	Upper
41	100		
39	58.3	44.6	67.0
67	76.8	60.6	91.0
52	33.8	25.1	37.7

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#42

1,2-Dichloroethane

Concen: 21.783 ug/l

RT: 6.15 min Scan# 831

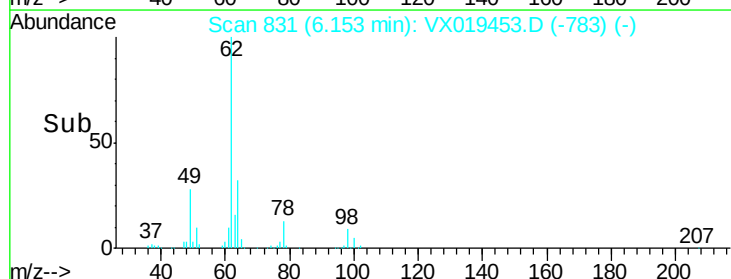
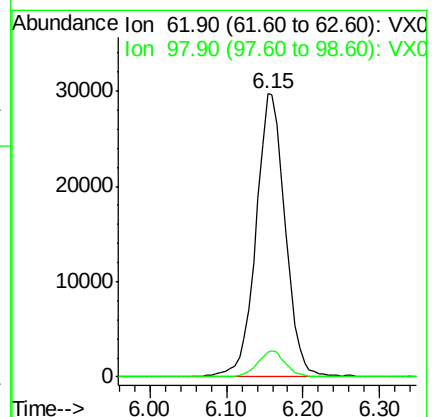
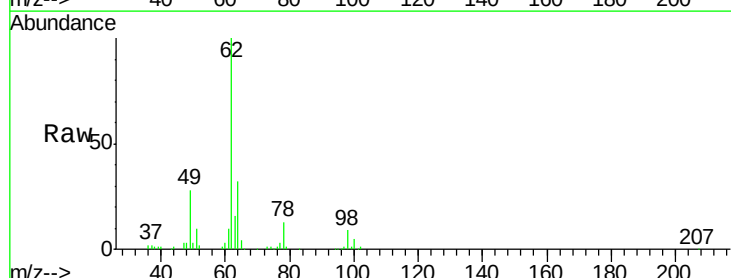
Delta R.T. -0.01 min

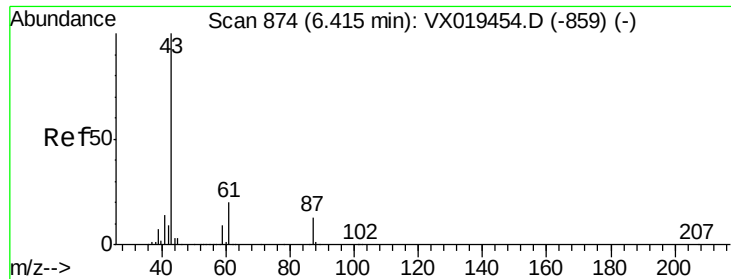
Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Tgt Ion: 62 Resp: 79157

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 21.296 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

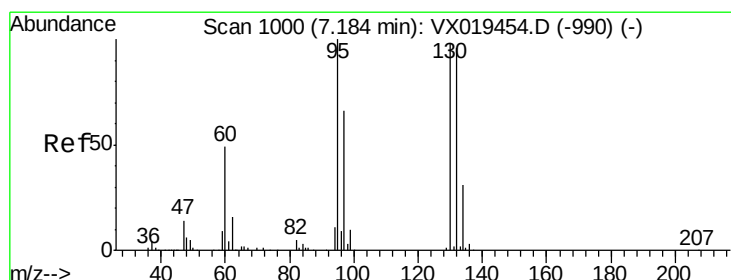
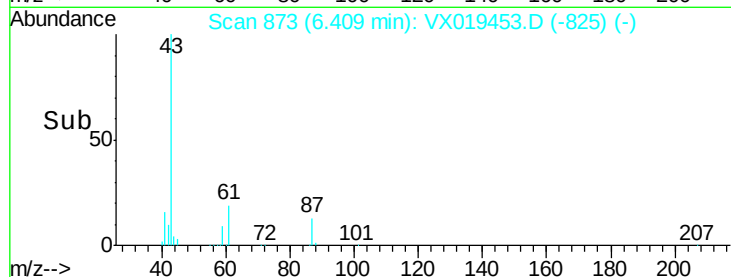
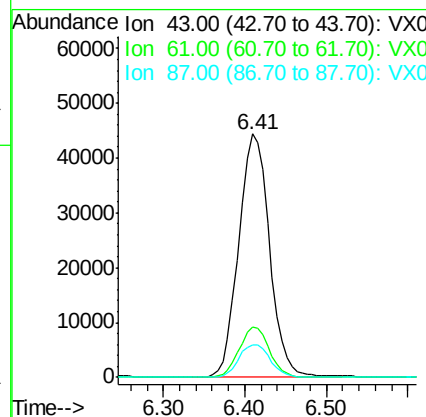
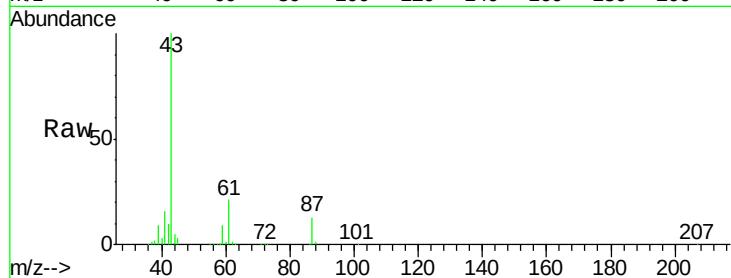
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	11544
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.4
87	13.8	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 18.982 ug/l

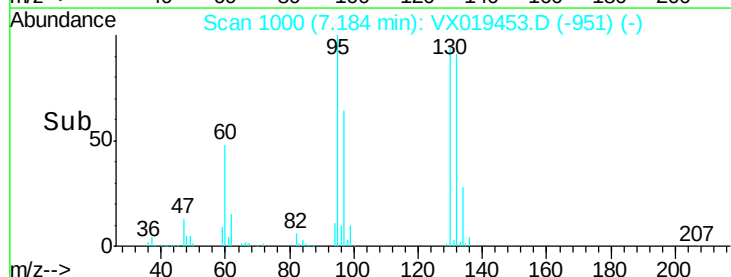
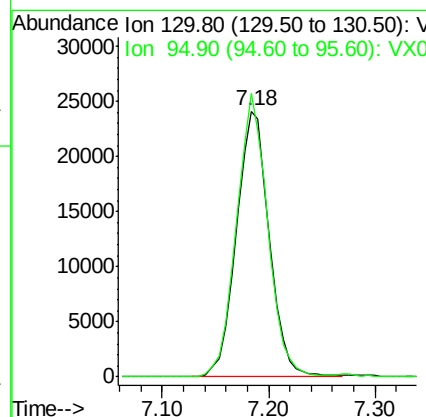
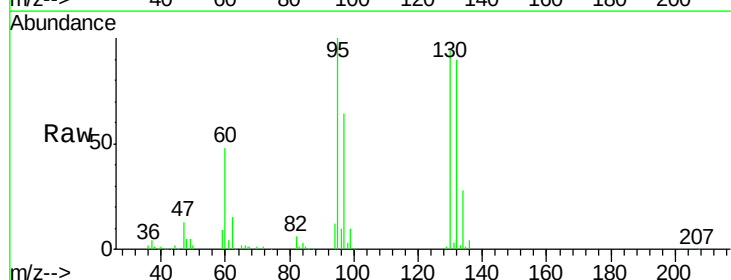
RT: 7.18 min Scan# 1000

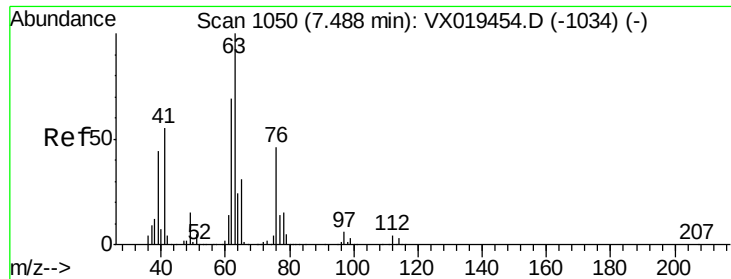
Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Tgt Ion:	130	Resp:	52120
Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	204.4





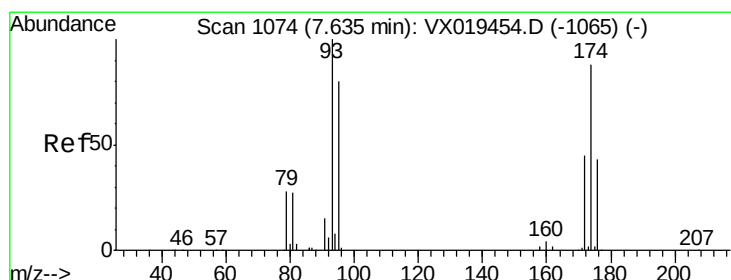
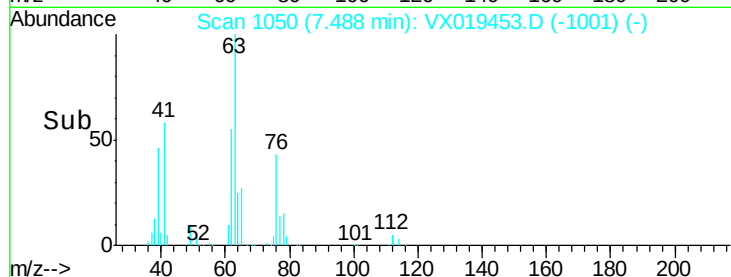
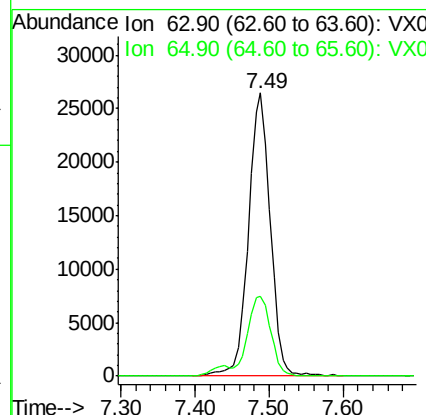
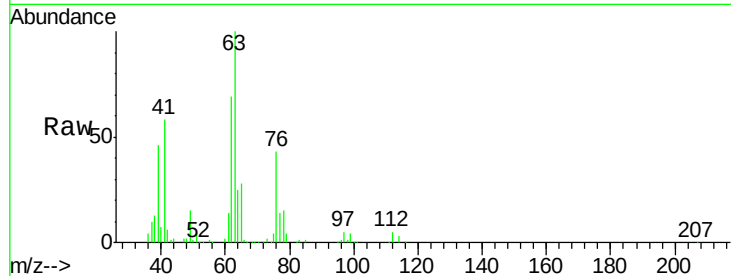
#45
 1,2-Dichloropropane
 Concen: 22.484 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 63 Resp: 54543
 Ion Ratio Lower Upper
 63 100
 65 28.3 24.6 37.0

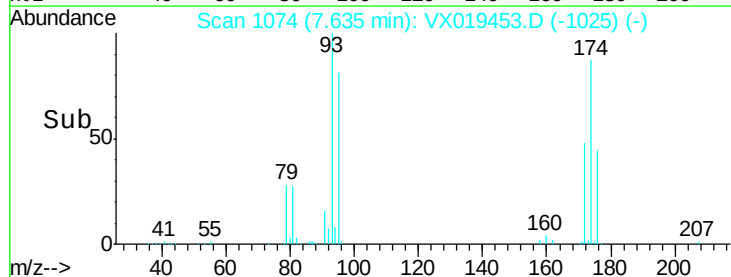
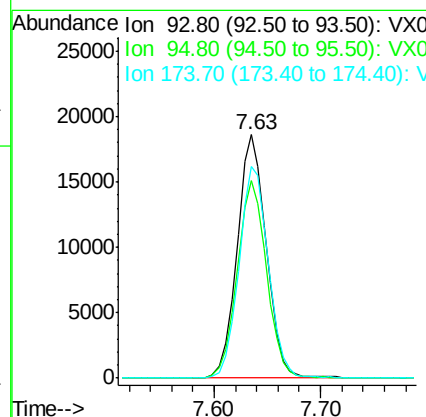
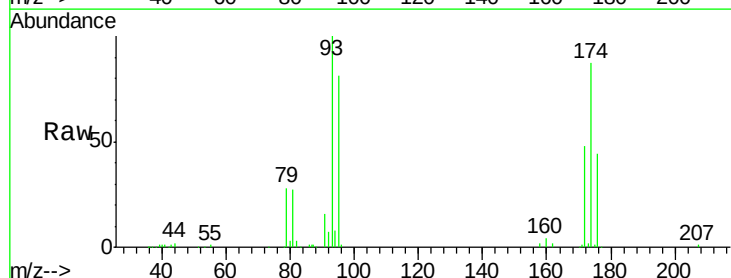
Manual Integrations
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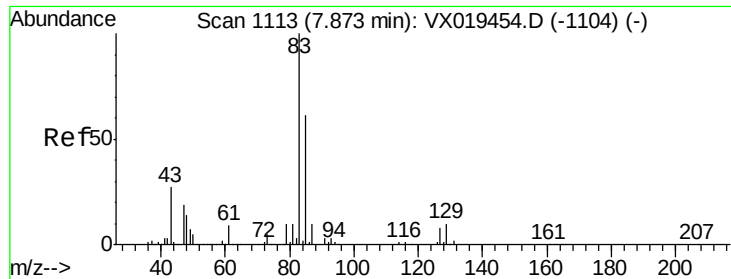
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#46
 Dibromomethane
 Concen: 20.170 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion: 93 Resp: 35610
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.4 98.2
 174 87.8 72.2 108.4





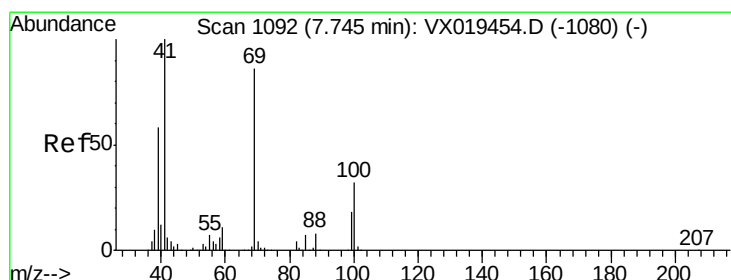
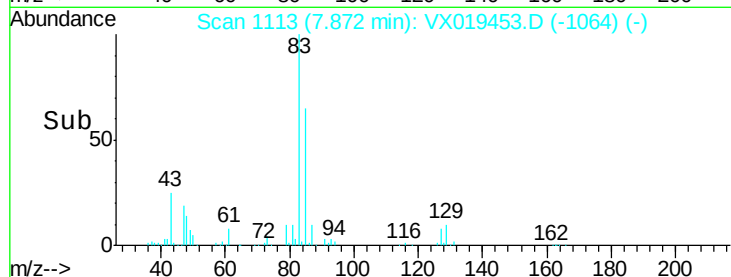
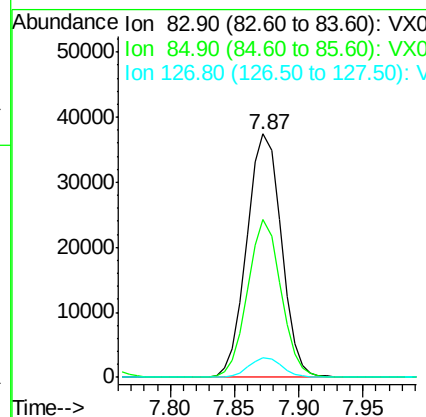
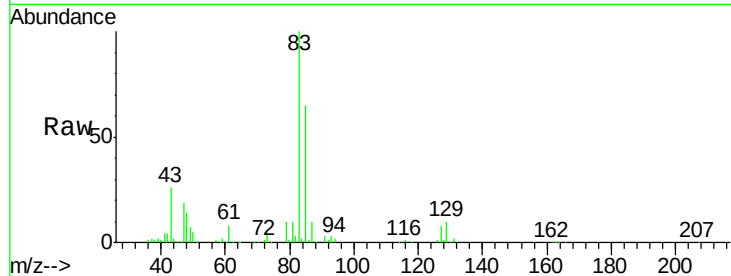
#47
Bromodichloromethane
Concen: 20.050 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.8	49.0	73.4
127	8.0	6.3	9.5

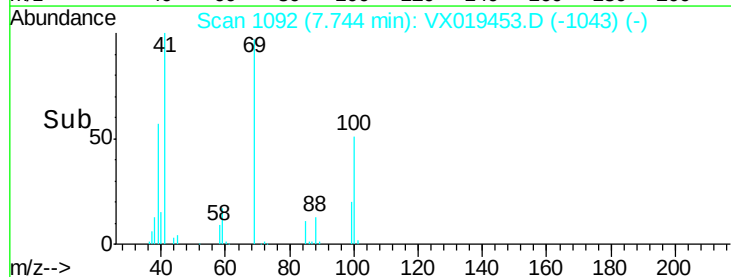
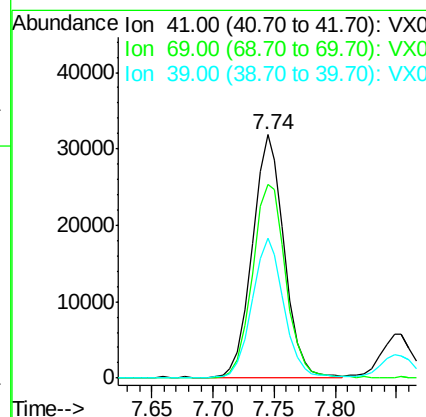
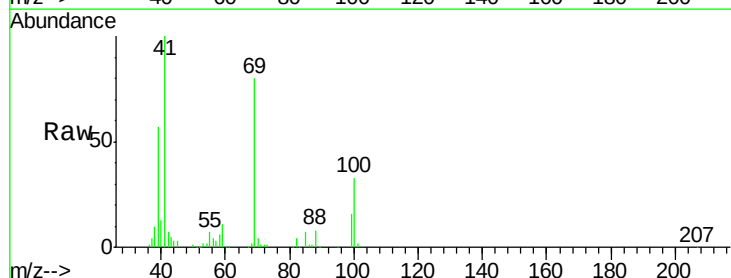
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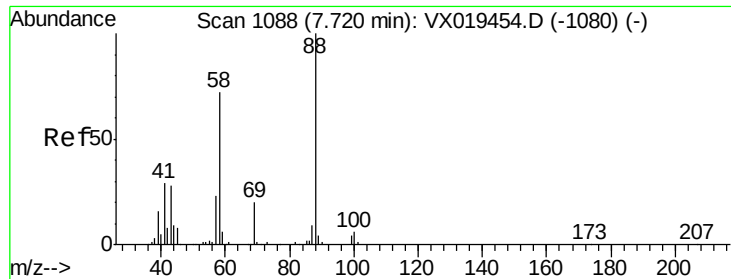
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#48
Methyl methacrylate
Concen: 21.885 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.2	68.4	102.6
39	58.3	46.6	70.0





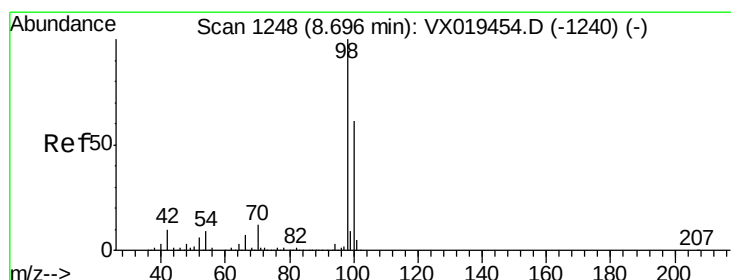
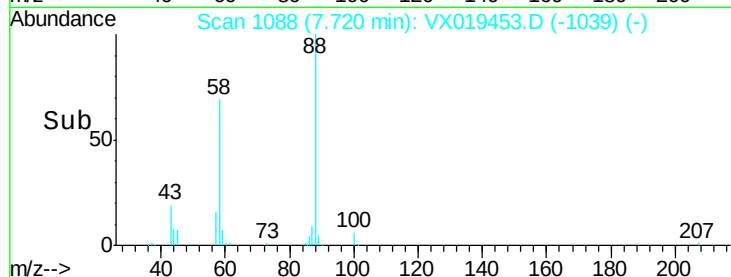
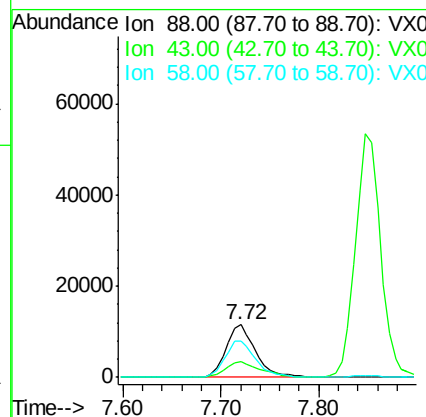
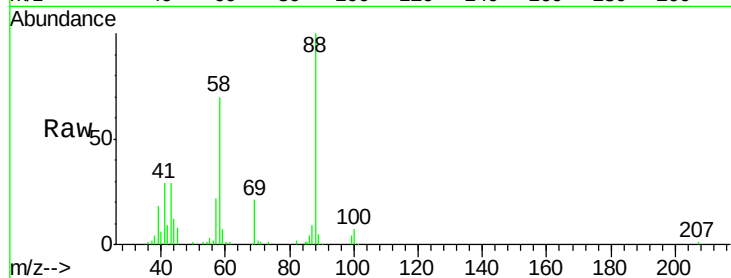
#49
1,4-Dioxane
Concen: 418.545 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.9	38.9
58	73.4	56.6	84.8

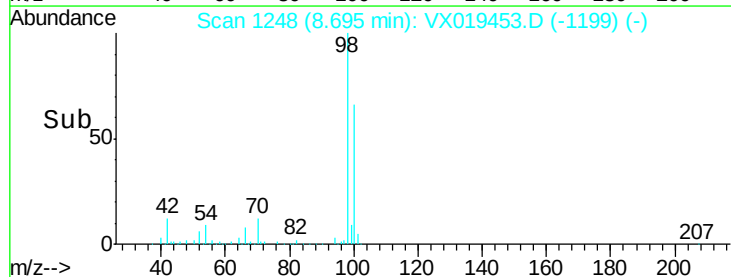
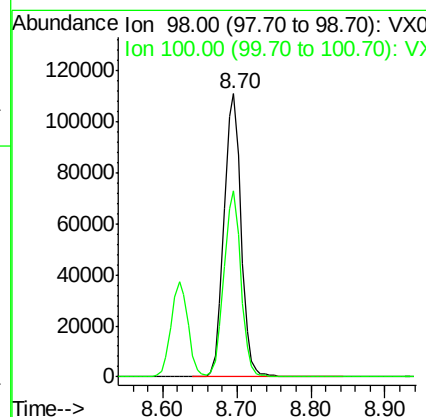
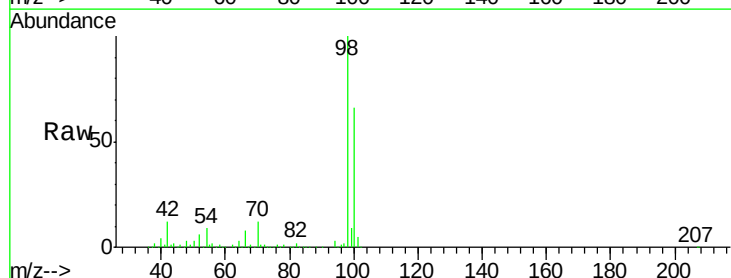
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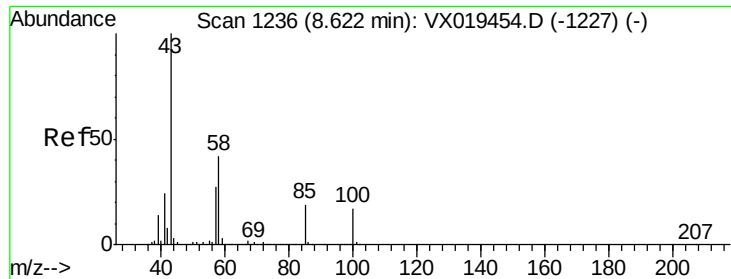
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#50
Toluene-d8
Concen: 19.906 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	79.0





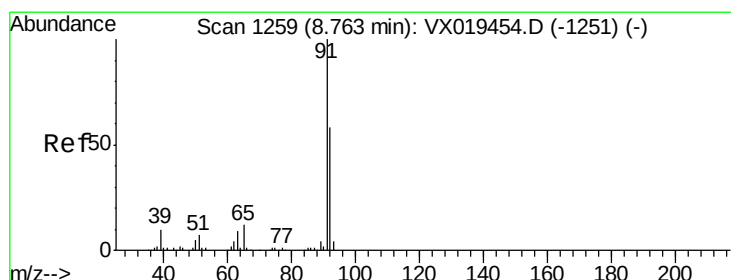
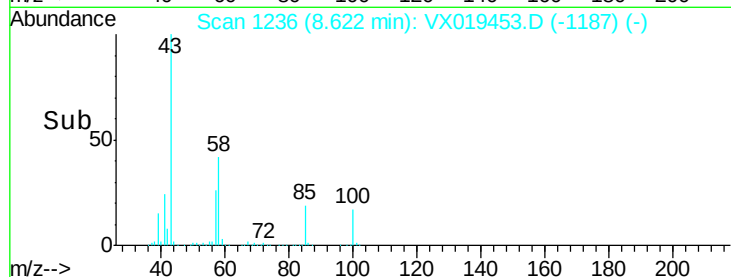
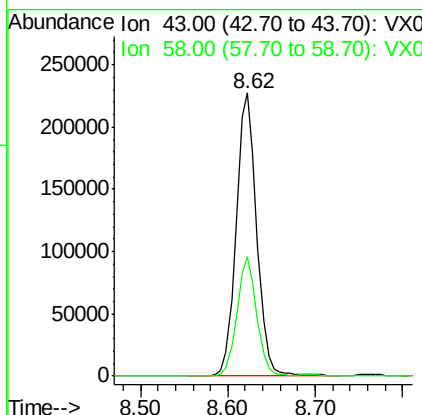
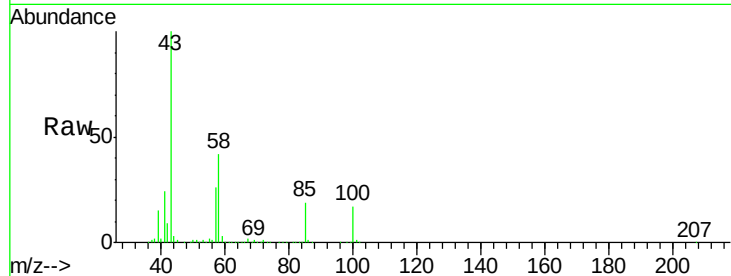
#51
 4-Methyl-2-Pentanone
 Concen: 118.075 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.5	33.0	49.4

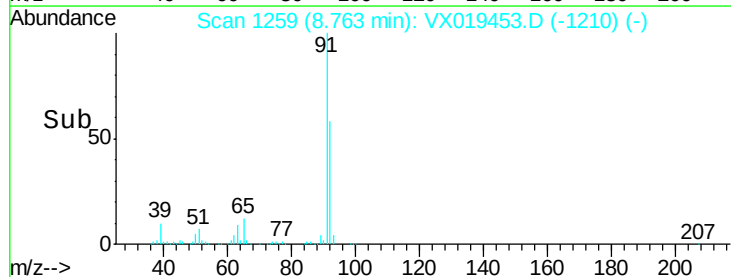
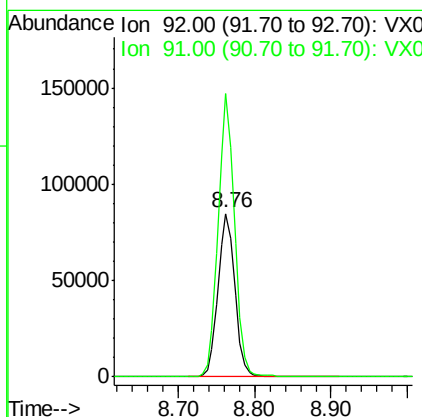
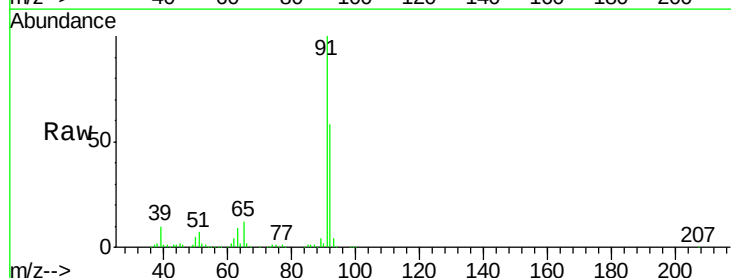
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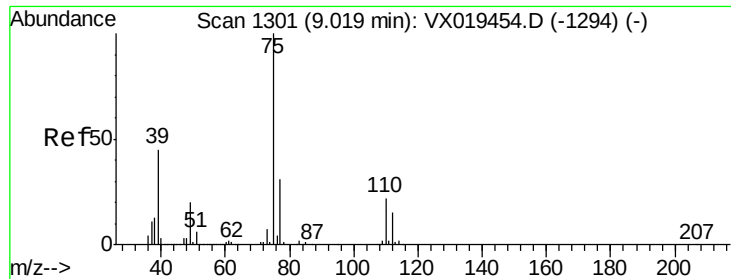
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#52
 Toluene
 Concen: 20.613 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.7	136.3	204.5





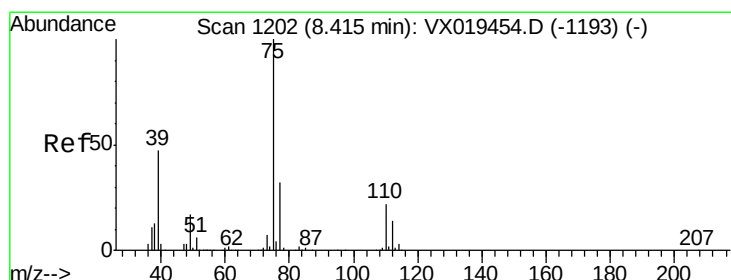
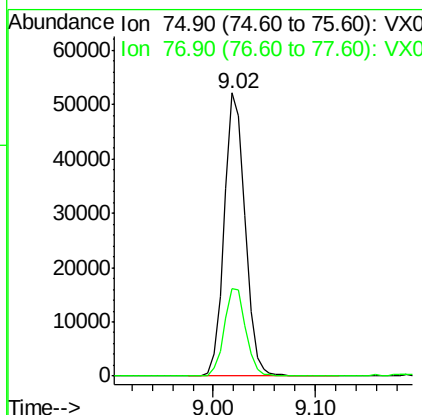
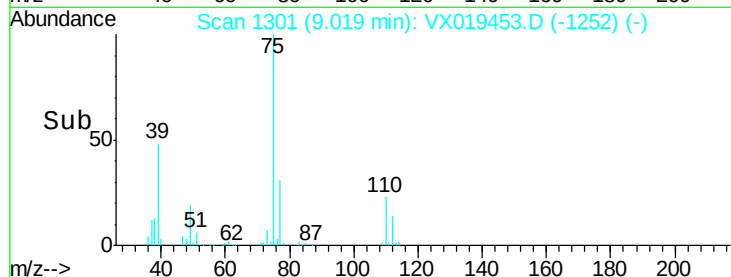
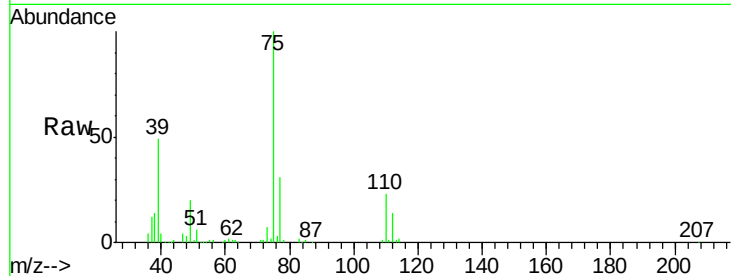
#53
 t-1,3-Dichloropropene
 Concen: 18.666 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 75 Resp: 73976
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.6

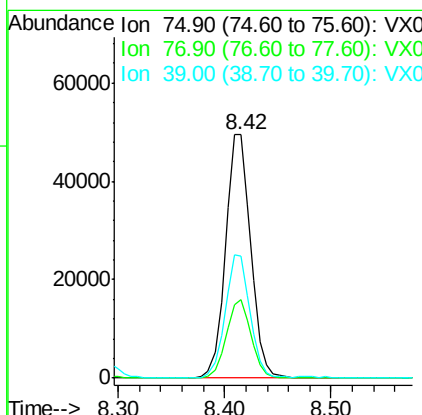
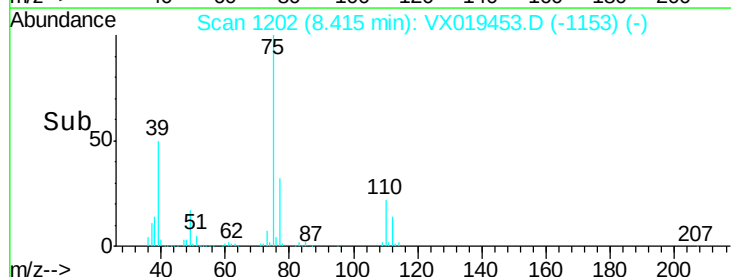
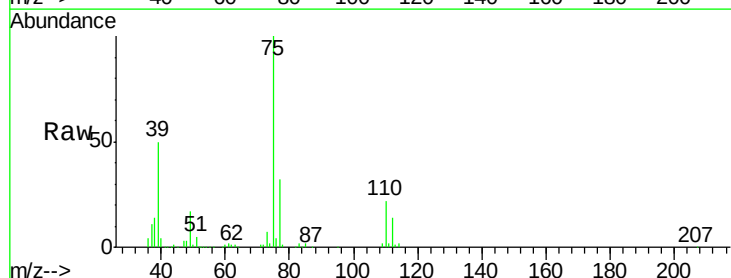
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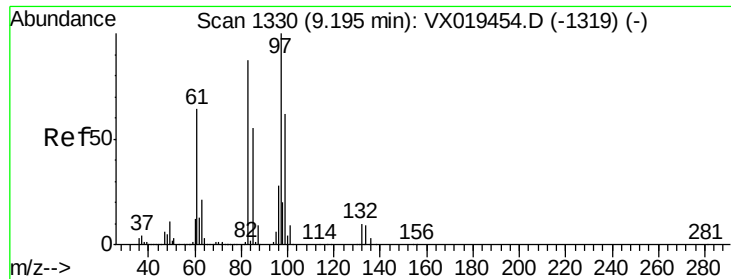
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#54
 cis-1,3-Dichloropropene
 Concen: 19.572 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion: 75 Resp: 81854
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2
 39 49.9 37.4 56.2





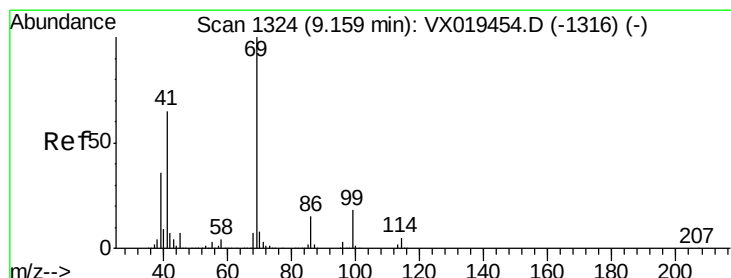
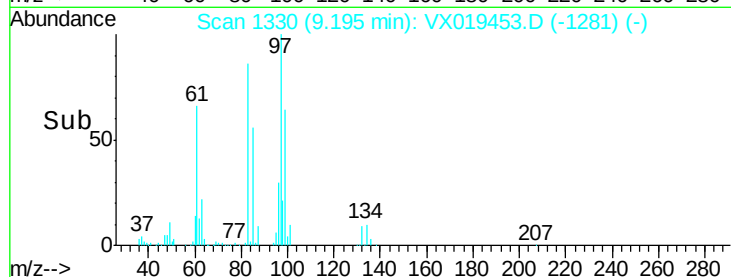
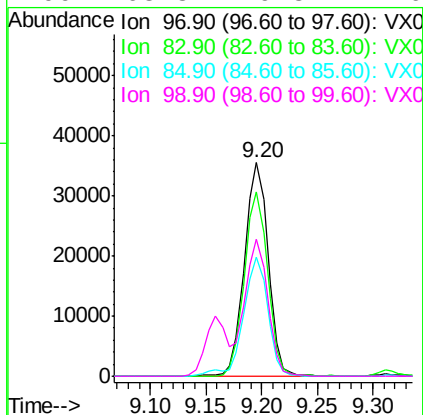
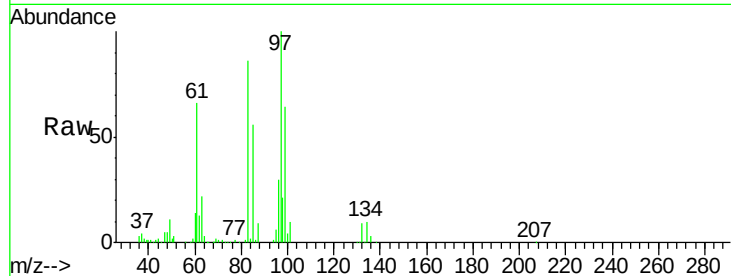
#55
 1,1,2-Trichloroethane
 Concen: 21.171 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		52661		
83	86.2	69.7	104.5		
85	55.6	44.2	66.4		
99	63.8	49.8	74.6		

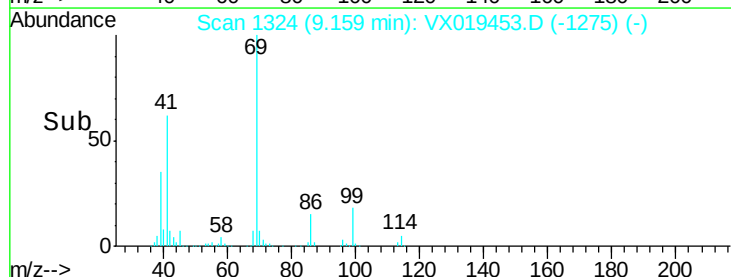
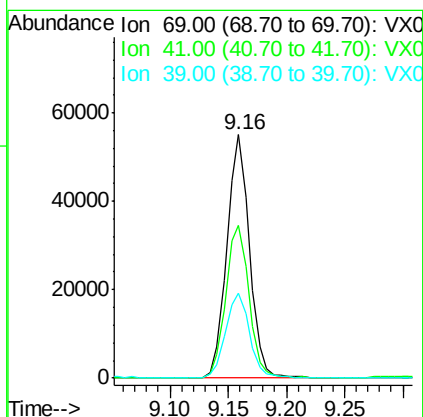
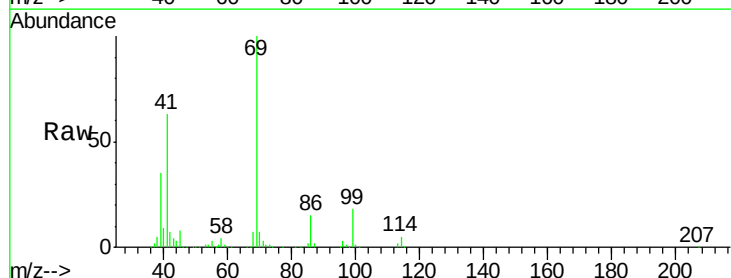
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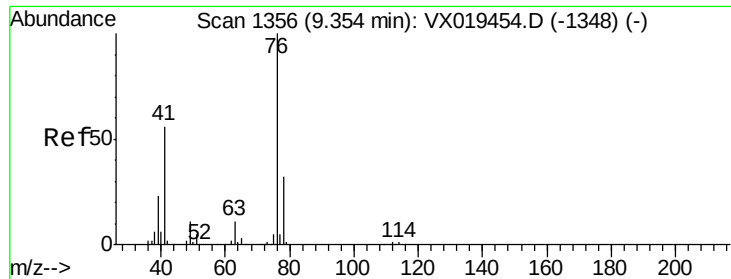
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#56
 Ethyl methacrylate
 Concen: 19.907 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		74335		
41	64.7	52.1	78.1		
39	36.5	29.5	44.3		





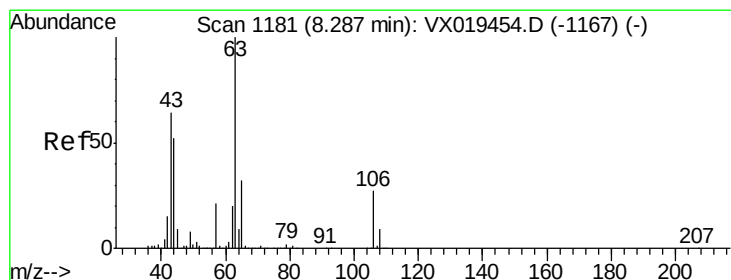
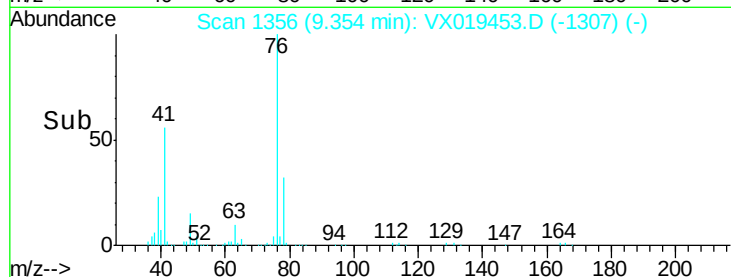
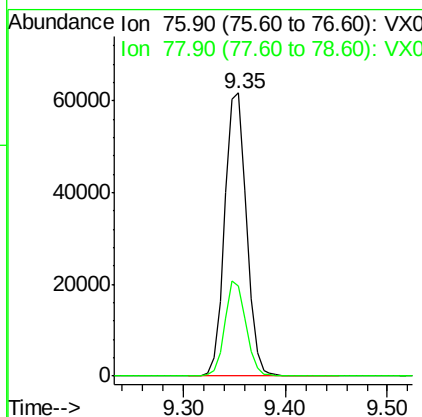
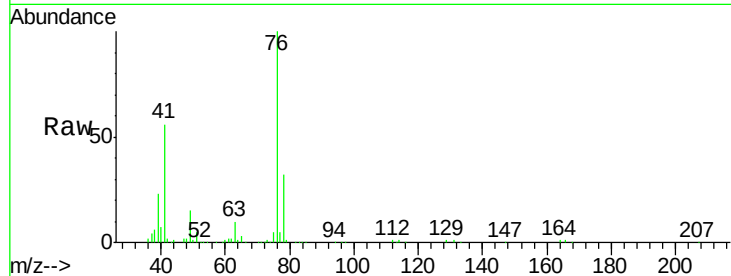
#57
 1,3-Dichloropropane
 Concen: 21.576 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

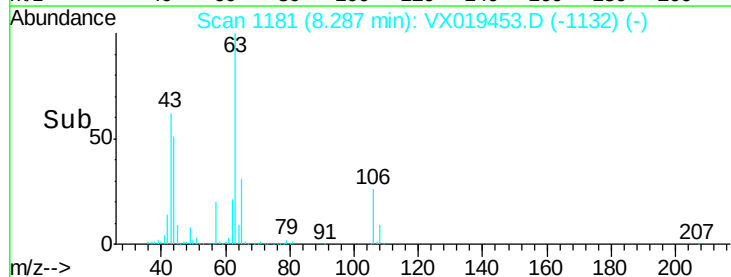
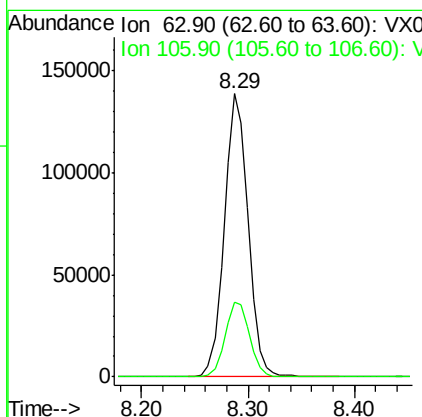
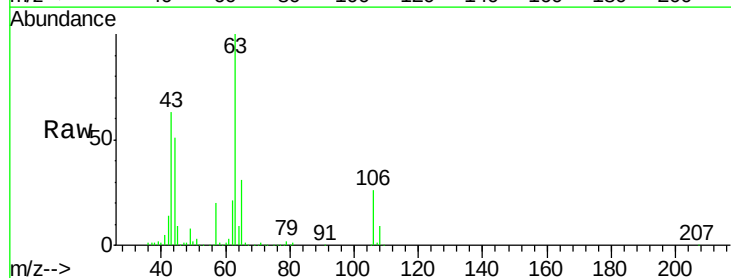
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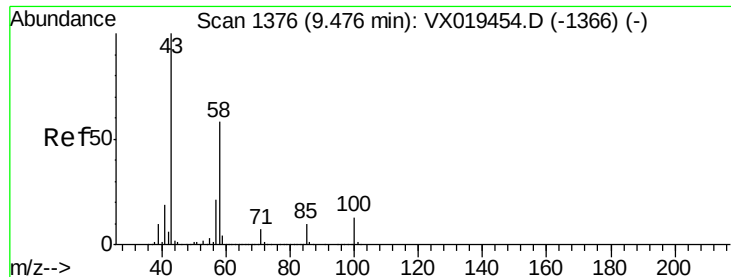
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.127 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	22.2	33.2





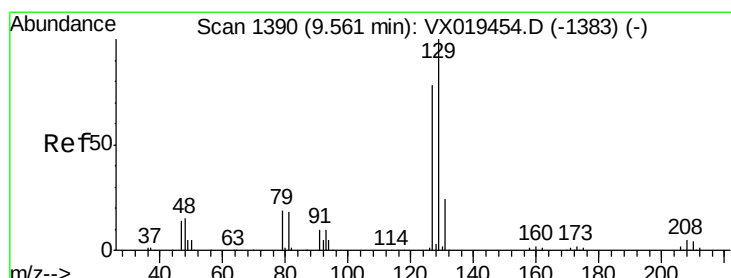
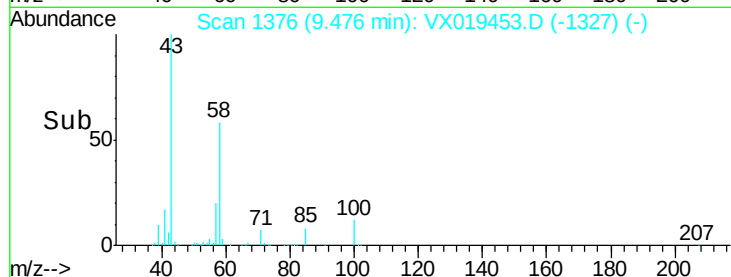
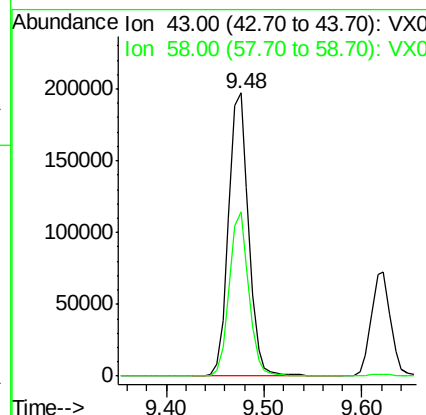
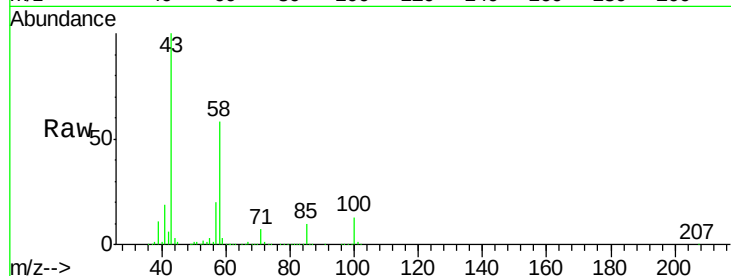
#59
2-Hexanone
Concen: 116.529 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	43	Resp	280356
Ion Ratio	100	Lower	Upper
43	100		
58	56.6	28.8	86.5

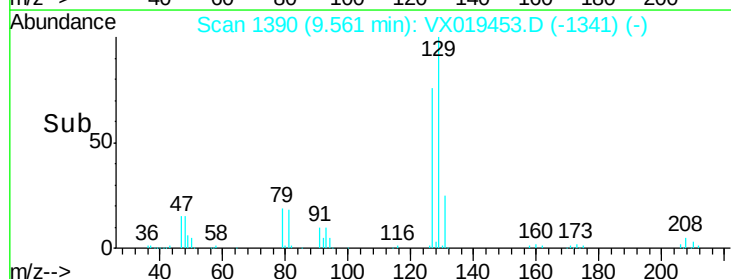
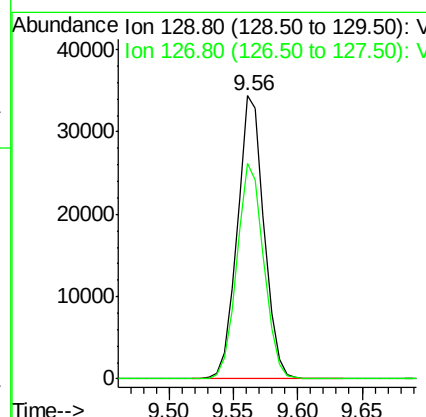
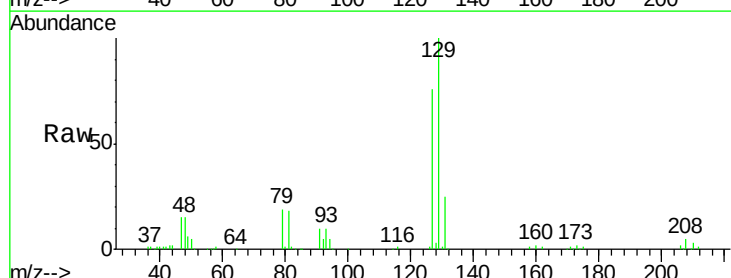
Manual Integrations
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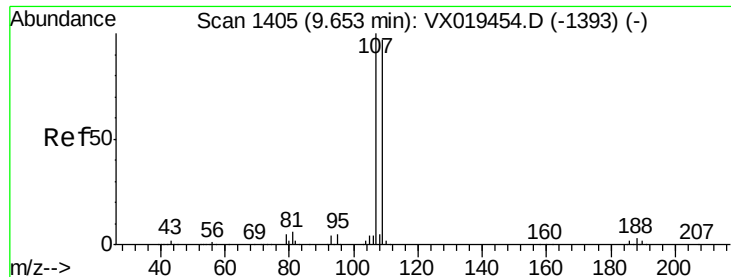
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#60
Dibromochloromethane
Concen: 18.692 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	129	Resp	49517
Ion Ratio	100	Lower	Upper
129	100		
127	76.8	38.8	116.4





#61

1,2-Dibromoethane

Concen: 20.263 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:107 Resp: 53680

Ion Ratio Lower Upper

107 100

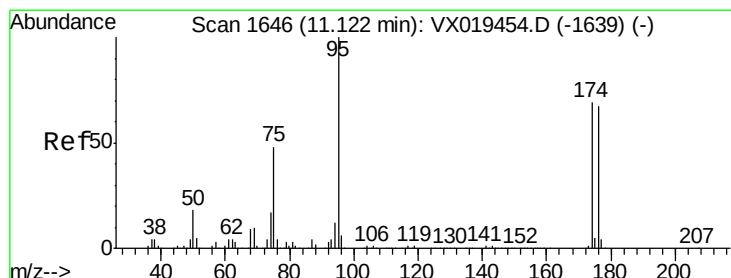
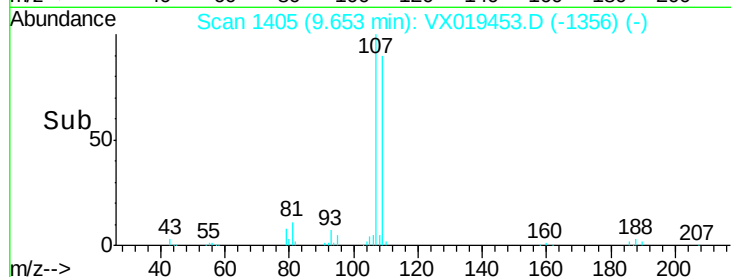
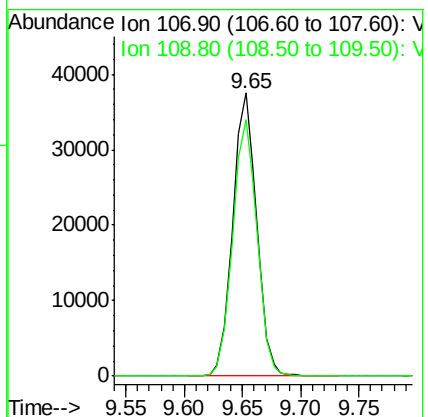
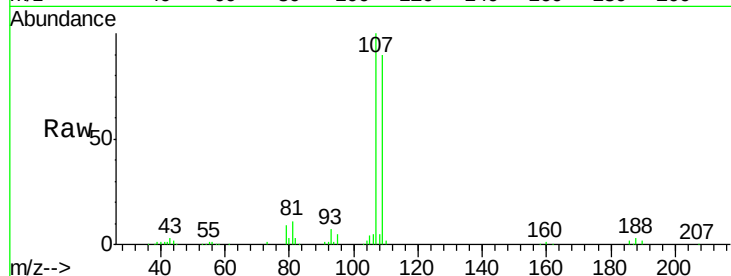
109 92.3 75.5 113.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 19.671 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

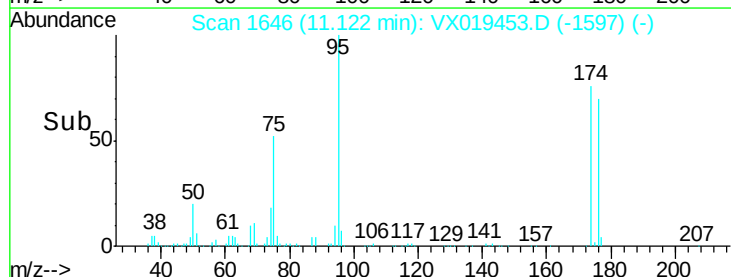
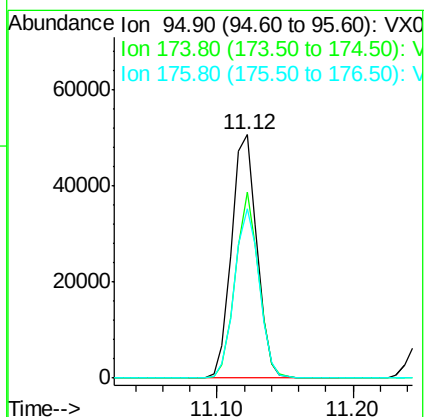
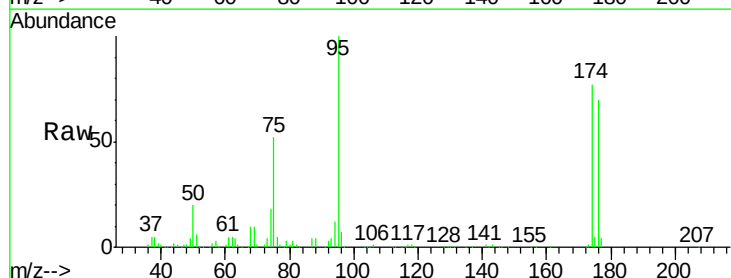
Tgt Ion: 95 Resp: 65625

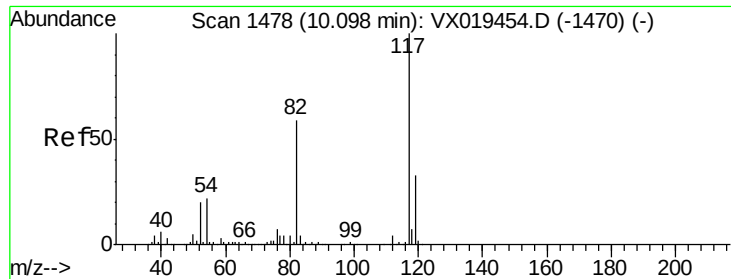
Ion Ratio Lower Upper

95 100

174 70.4 0.0 141.4

176 68.3 0.0 137.6





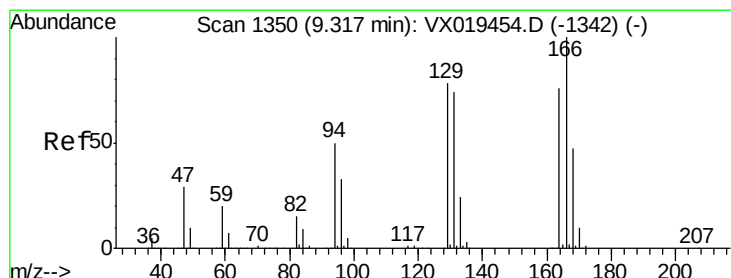
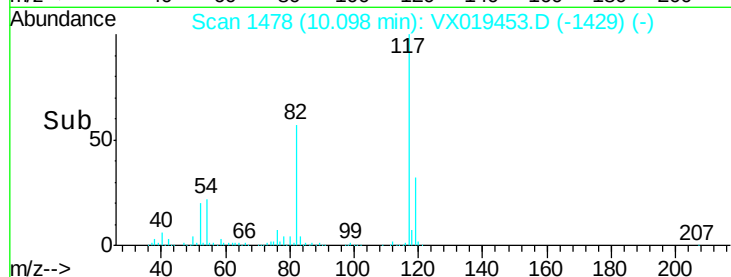
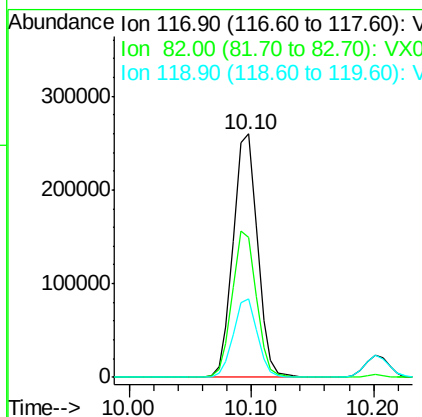
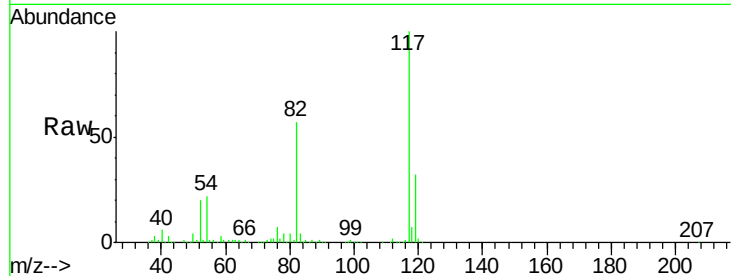
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	356879		
82	57.5		47.4	71.2
119	32.3		26.3	39.5

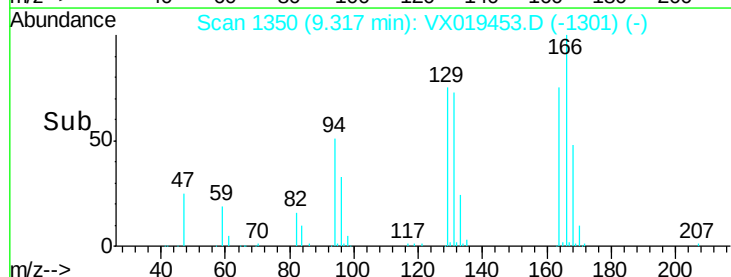
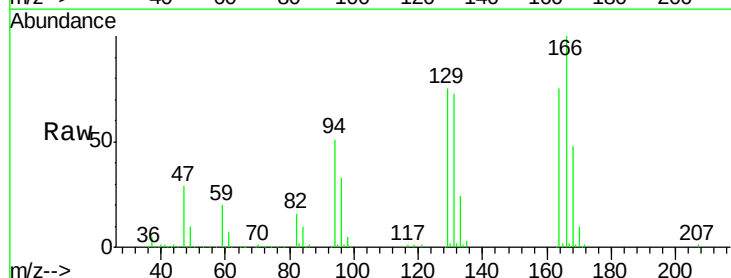
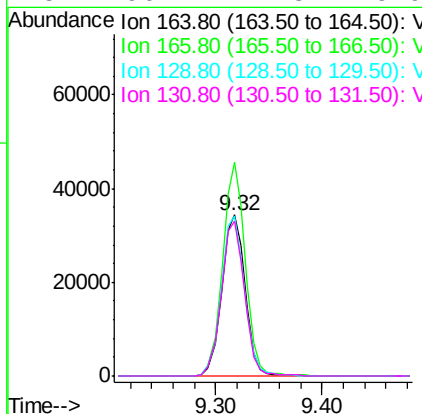
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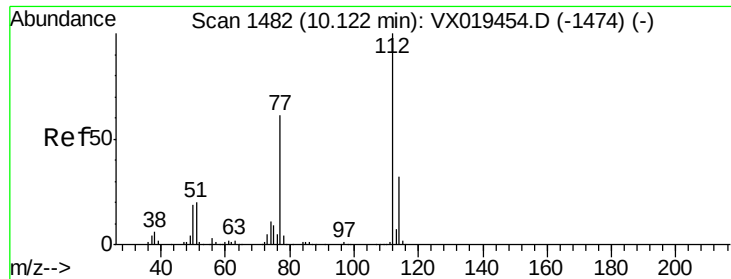
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#64
Tetrachloroethene
Concen: 19.094 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	52539		
166	132.6		104.6	157.0
129	99.5		81.4	122.2
131	96.4		77.3	115.9





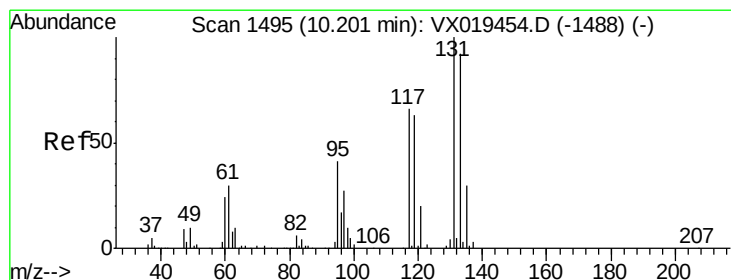
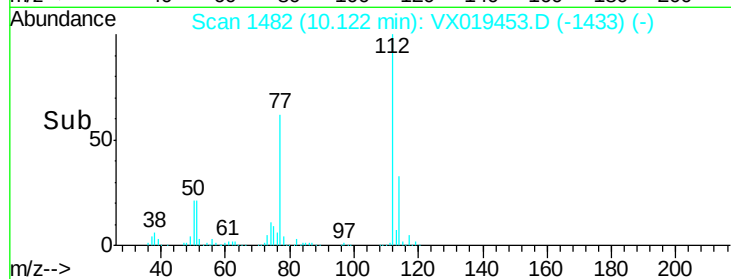
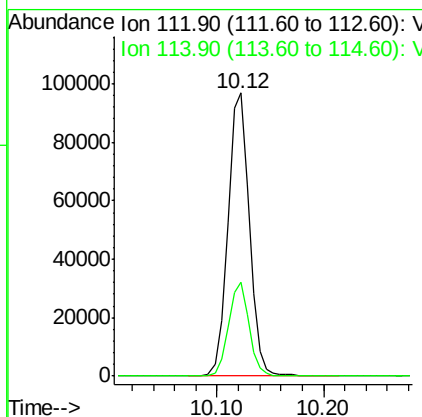
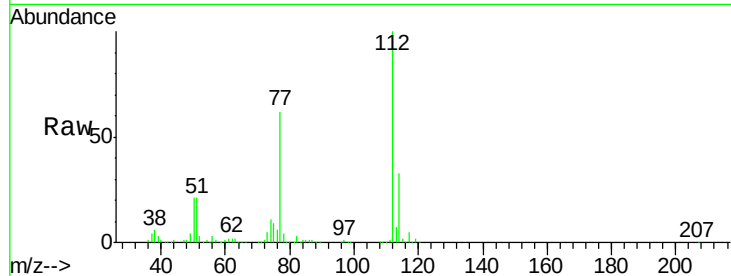
#65
Chlorobenzene
Concen: 18.560 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.5	38.3

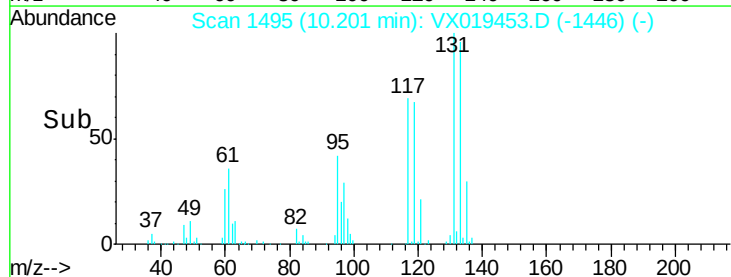
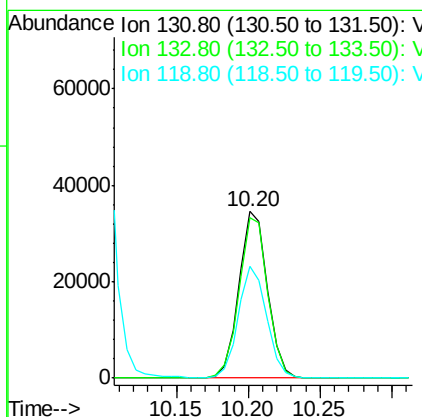
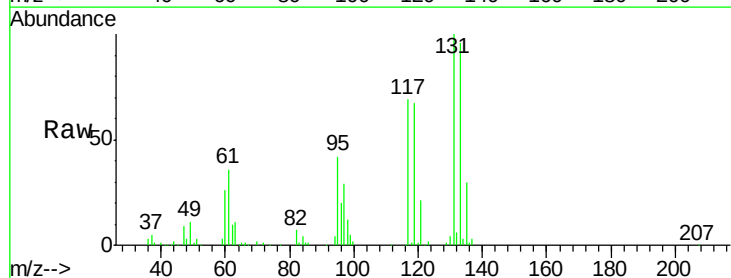
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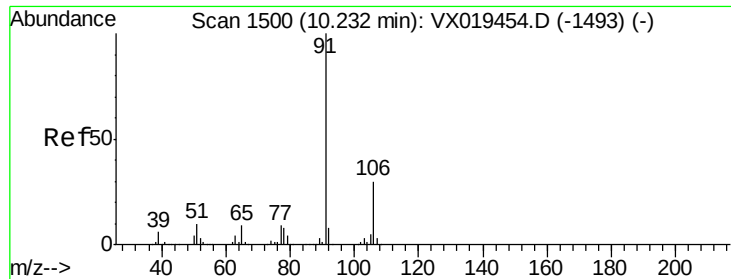
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.868 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	46.2	138.5
119	67.0	32.1	96.3





#67

Ethyl Benzene

Concen: 18.306 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 241195

Ion Ratio Lower Upper

91 100

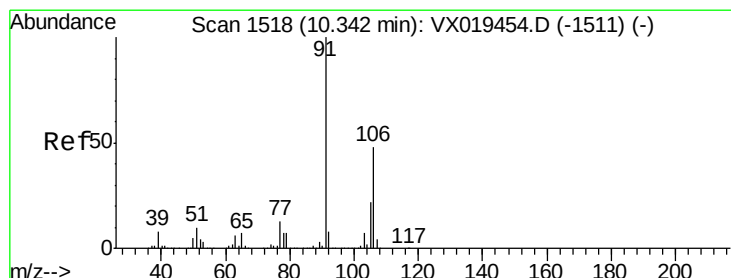
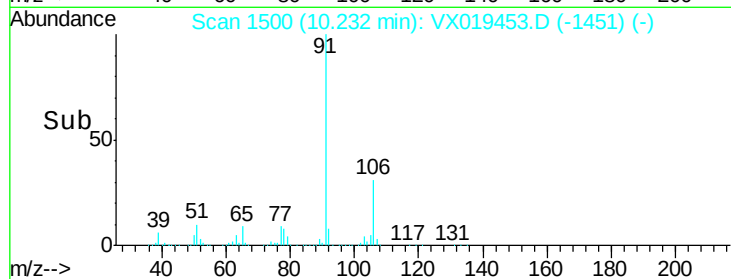
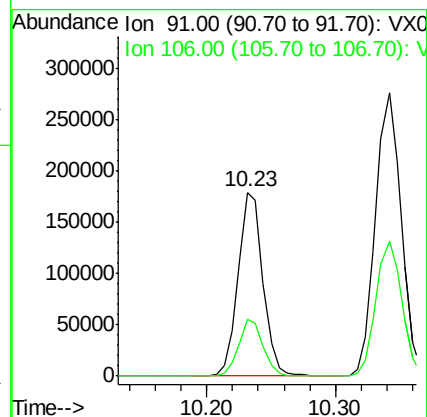
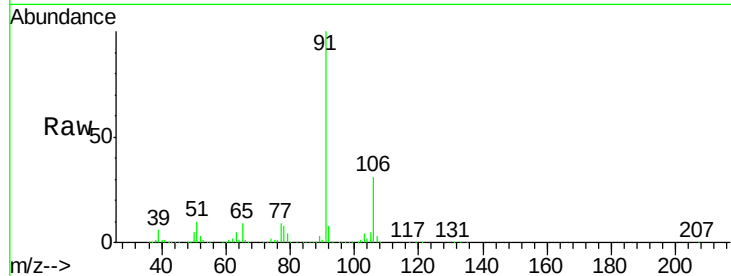
106 30.7 23.8 35.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.075 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019453.D

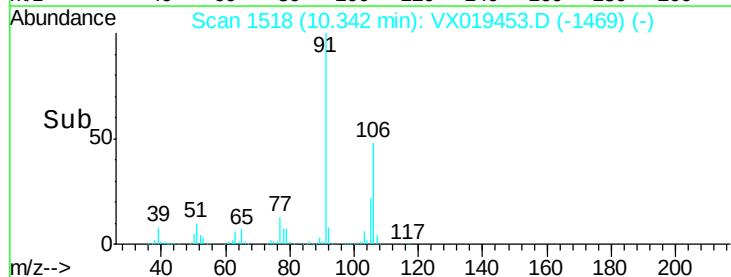
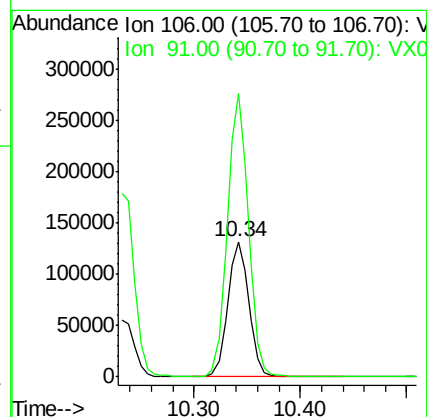
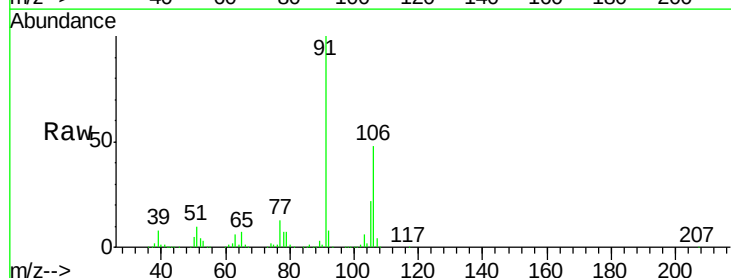
Acq: 18 Nov 2020 14:15

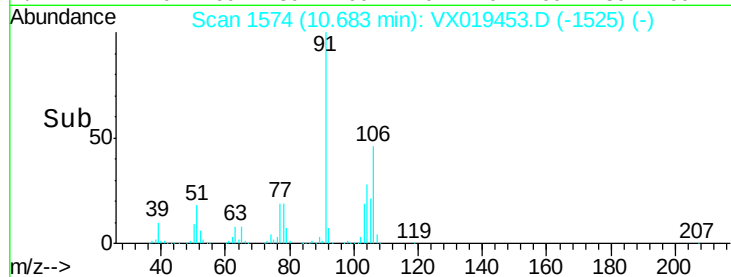
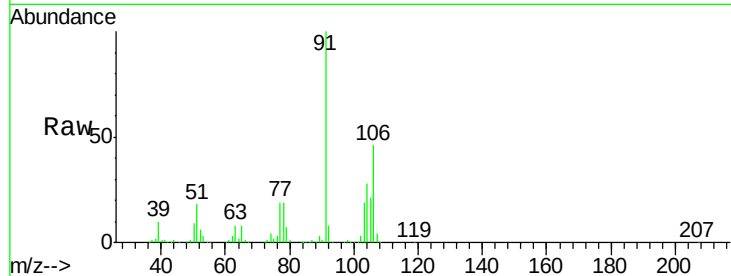
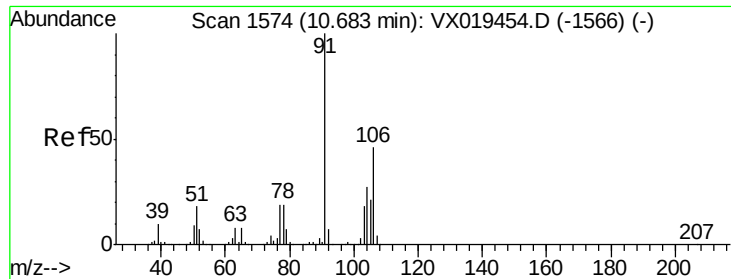
Tgt Ion: 106 Resp: 182712

Ion Ratio Lower Upper

106 100

91 208.2 167.2 250.8





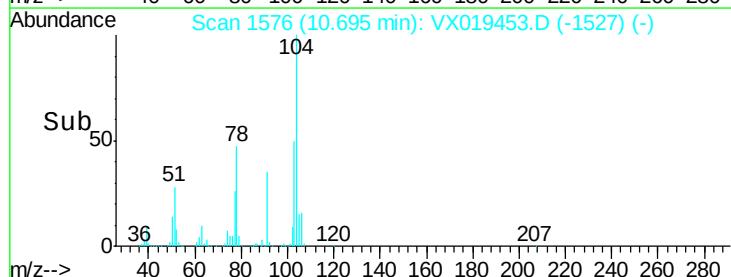
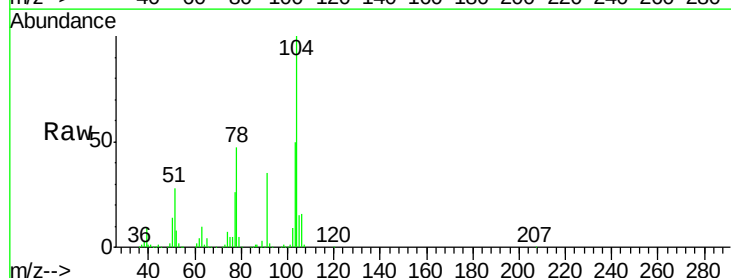
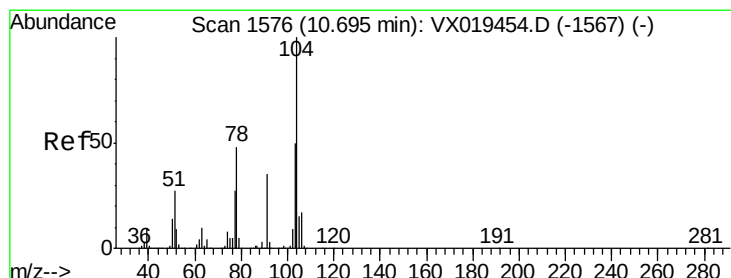
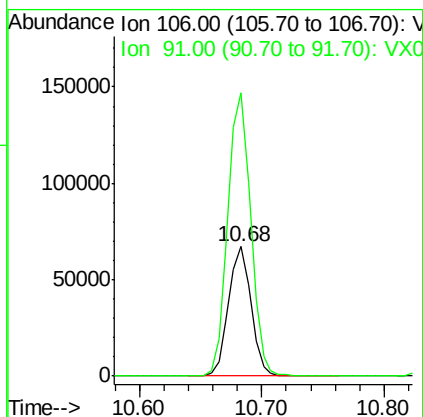
#69
o-Xylene
Concen: 18.288 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tot Ion:106 Resp: 85501
Ion Ratio Lower Upper
106 100
91 223.4 109.6 328.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

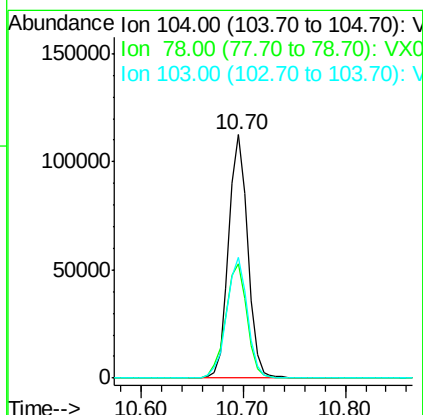
Manual Integrations
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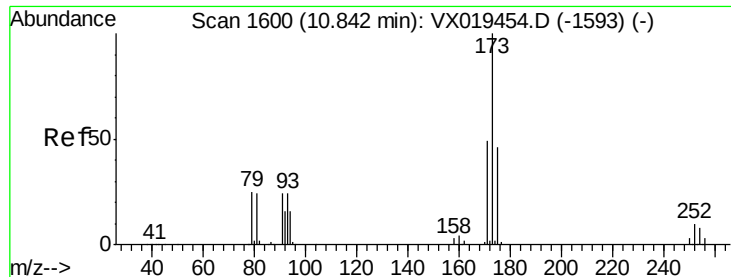
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#70
Styrene
Concen: 18.269 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion:104 Resp: 145604
Ion Ratio Lower Upper
104 100
78 52.8 42.7 64.1
103 53.8 43.2 64.8





#71

Bromoform

Concen: 15.886 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 32744

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.7

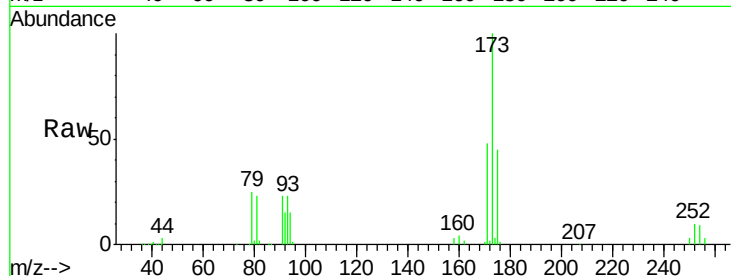
254 0.0 0.1 0.1#

Manual Integrations

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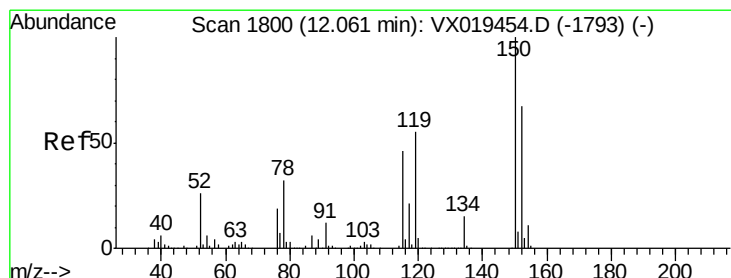
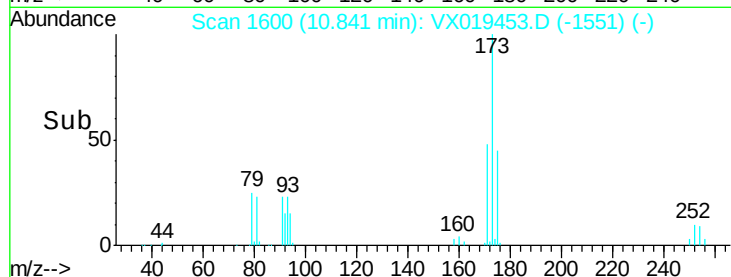
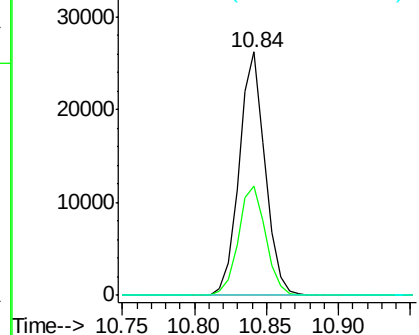
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX019453.D

Acq: 18 Nov 2020 14:15

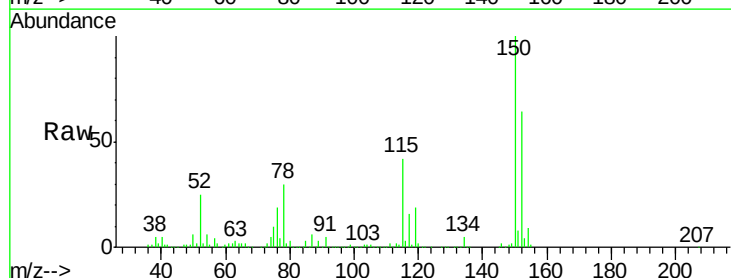
Tgt Ion:152 Resp: 171972

Ion Ratio Lower Upper

152 100

115 71.3 44.9 134.7

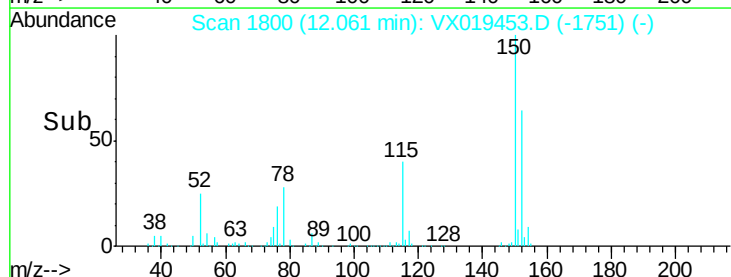
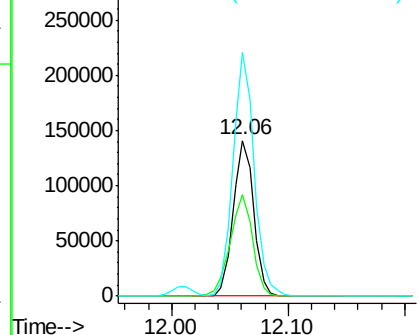
150 161.7 0.0 344.4

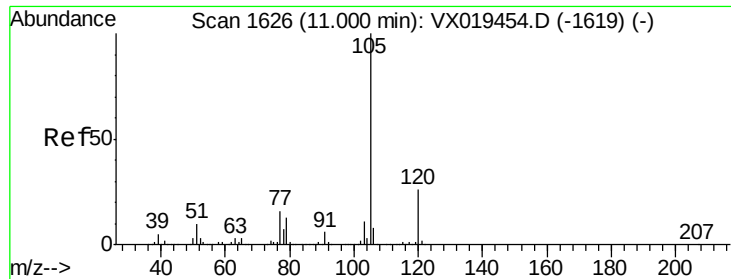


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.691 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 230337

Ion Ratio Lower Upper

105 100

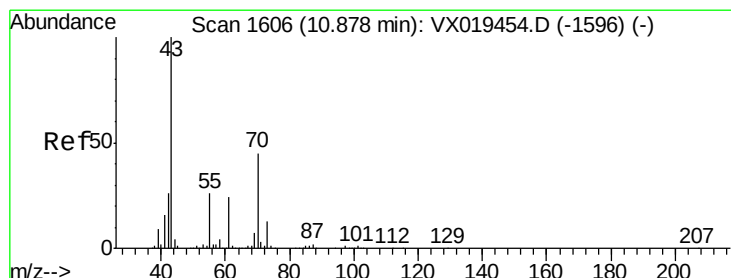
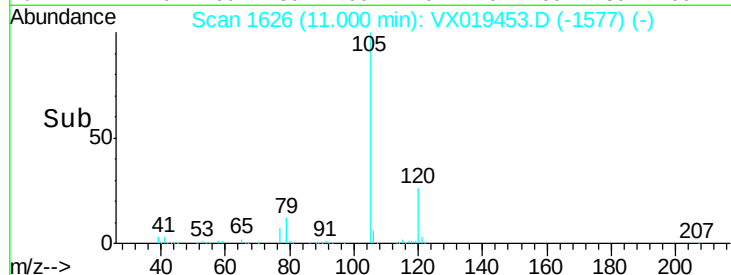
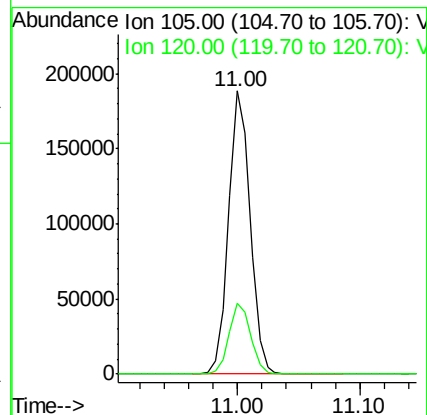
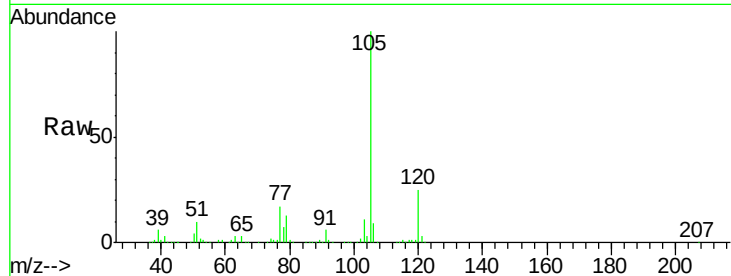
120 25.2 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.084 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Tgt Ion: 43 Resp: 92788

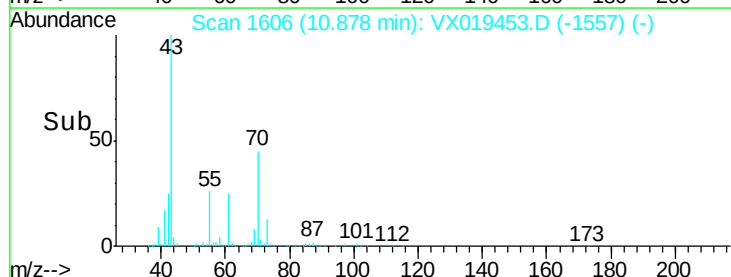
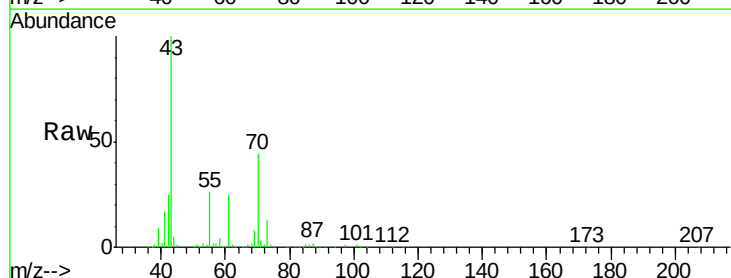
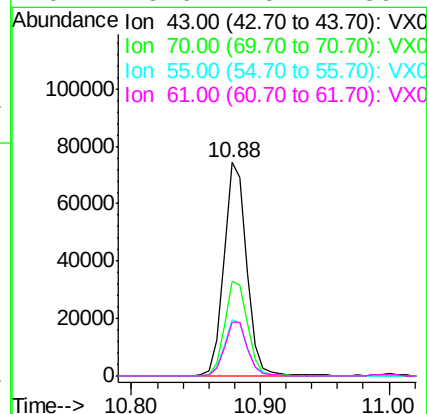
Ion Ratio Lower Upper

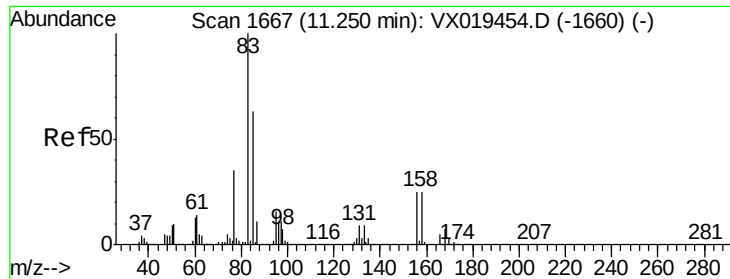
43 100

70 45.2 36.8 55.2

55 26.9 21.0 31.4

61 25.6 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.335 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 83 Resp: 79275
Ion Ratio Lower Upper

83 100

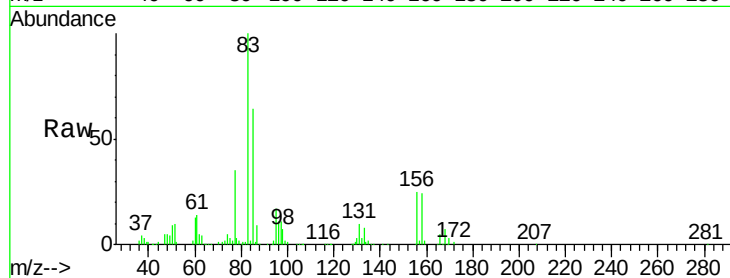
131 9.9 4.6 13.8

85 64.6 31.9 95.5

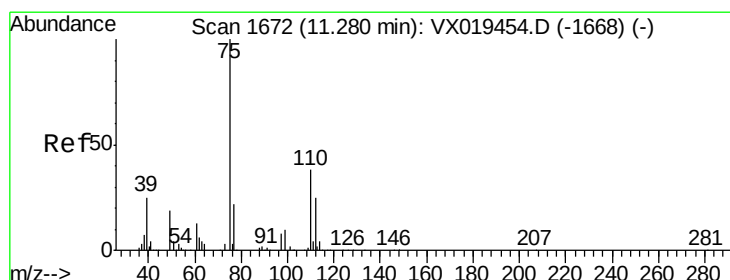
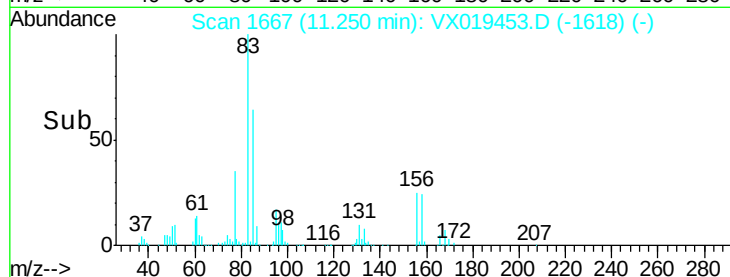
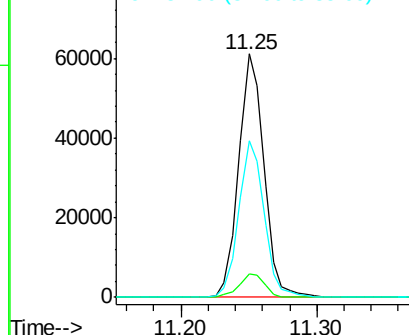
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): VX0
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.100 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

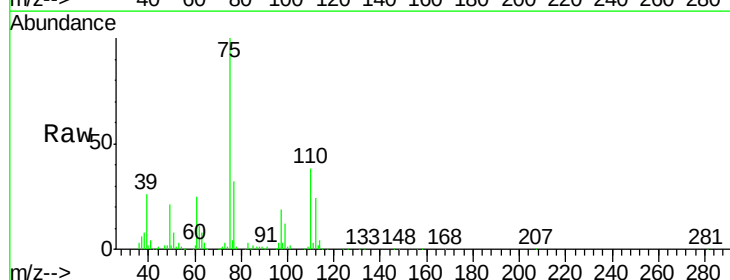
Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

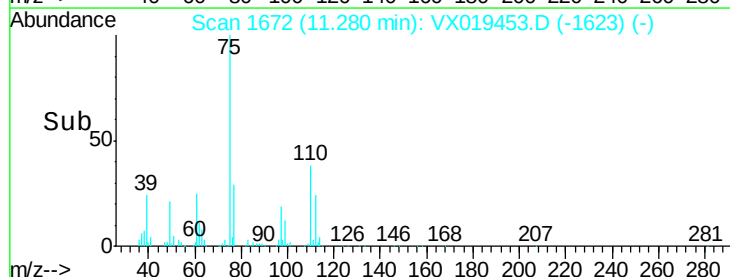
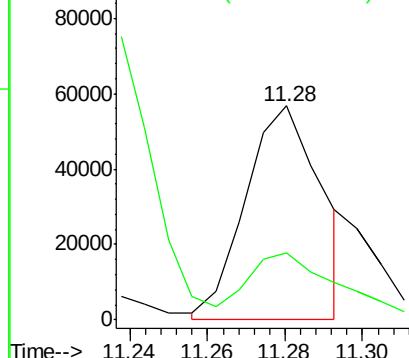
Tgt Ion: 75 Resp: 76981
Ion Ratio Lower Upper

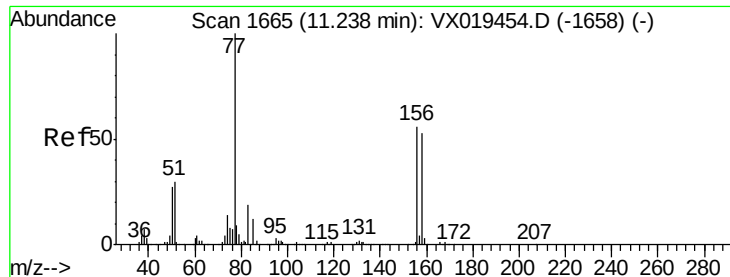
75 100

77 38.1 20.0 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





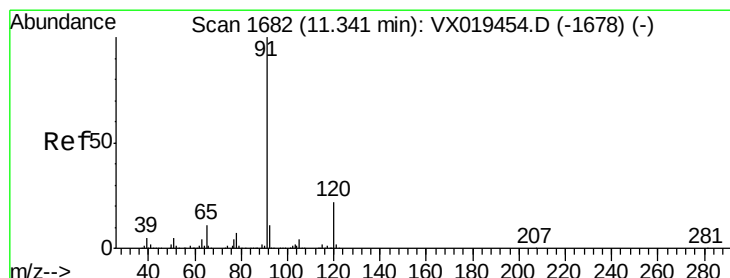
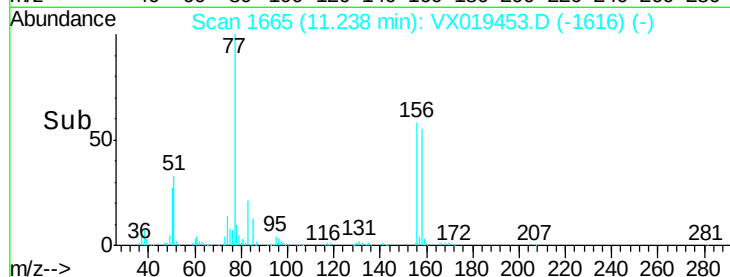
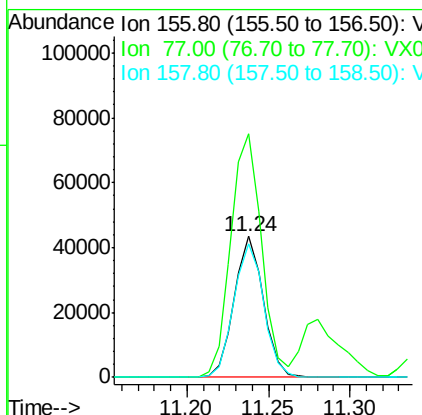
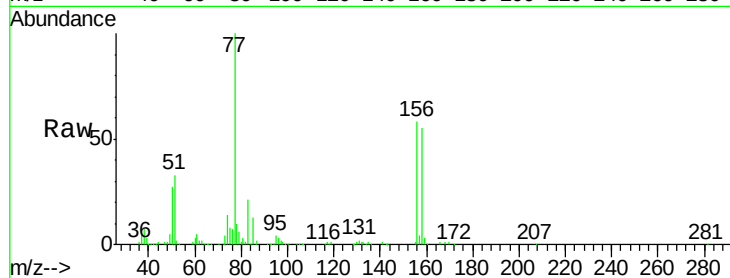
#77
Bromobenzene
Concen: 18.000 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	182.0	91.3	274.1
158	97.1	48.3	144.9

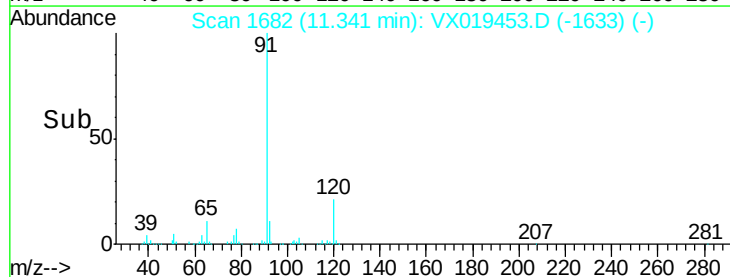
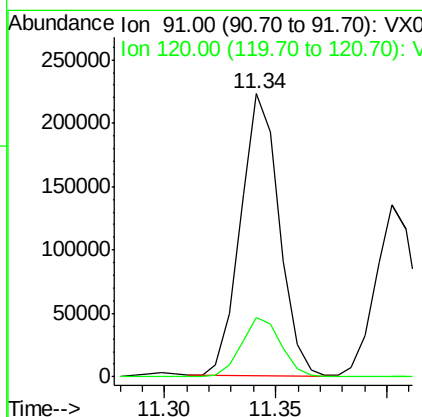
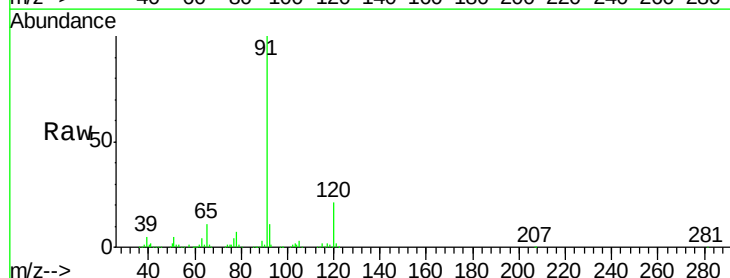
Manual Integrations
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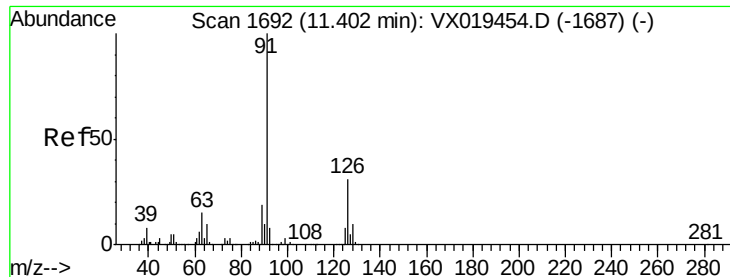
MMDadoda
11/19/2020 11:58:04 AM



#78
n-propylbenzene
Concen: 19.065 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.1	33.3





#79

2-Chlorotoluene

Concen: 19.801 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 165176

Ion Ratio Lower Upper

91 100

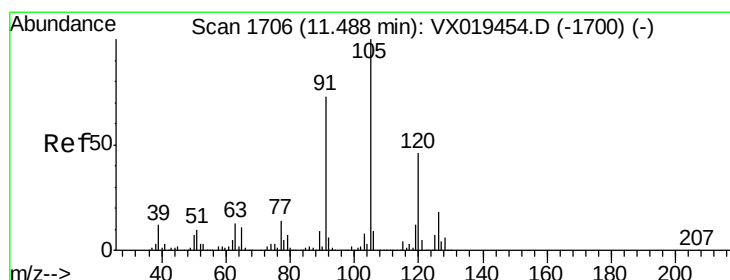
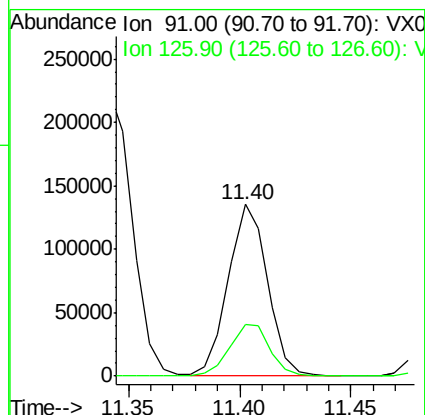
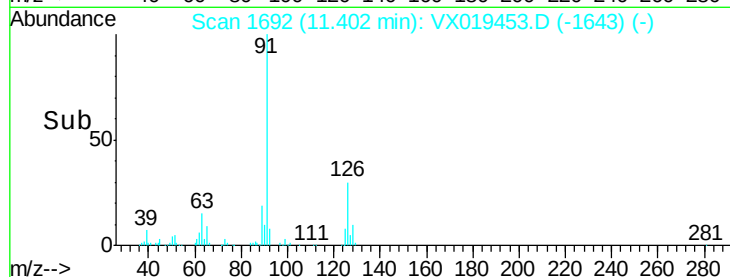
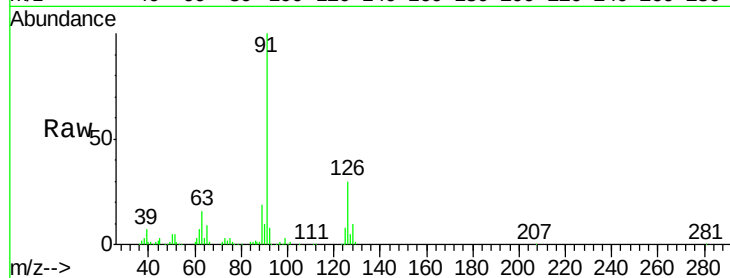
126 31.5 15.6 46.8

Manual Integrations

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11/19/2020 11:58:04 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.223 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019453.D

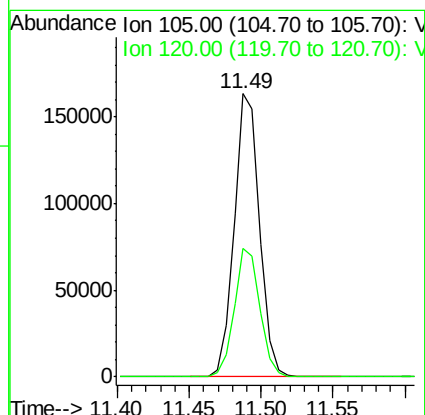
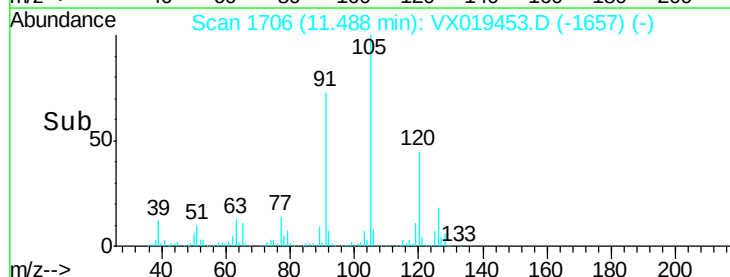
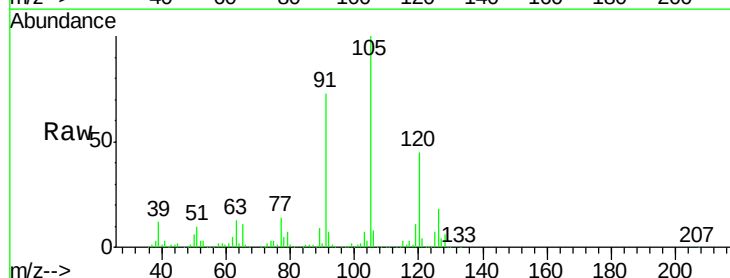
Acq: 18 Nov 2020 14:15

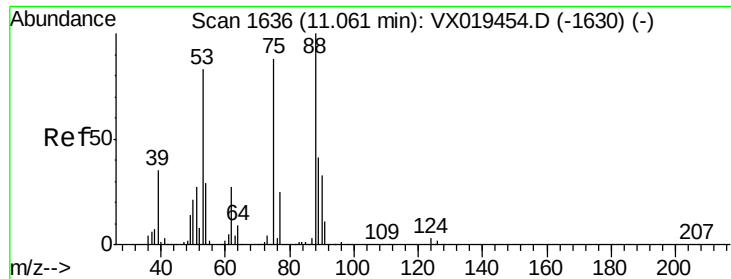
Tgt Ion: 105 Resp: 200794

Ion Ratio Lower Upper

105 100

120 45.8 23.6 70.8





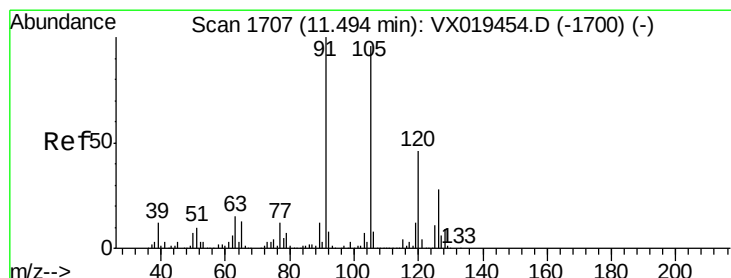
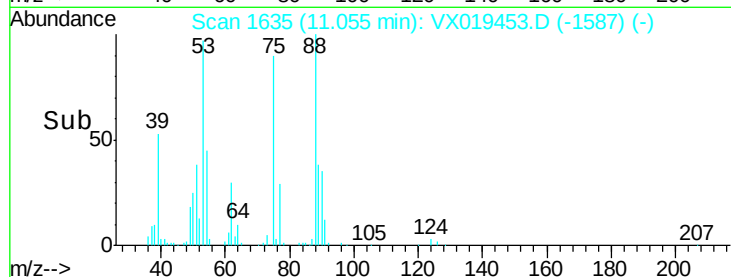
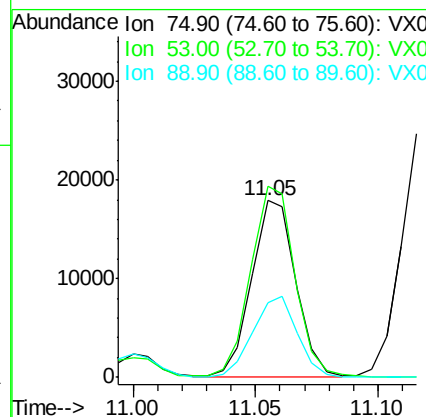
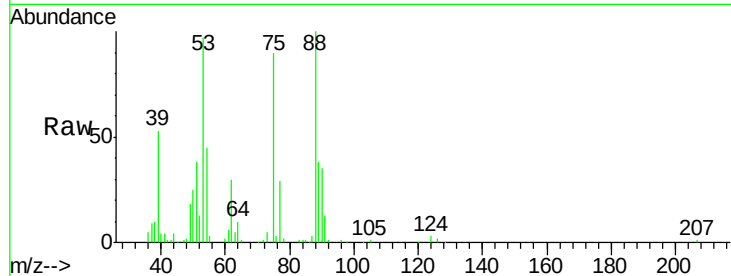
#81
trans-1,4-Dichloro-2-butene
Concen: 16.624 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.0	81.0	121.6
89	46.3	37.0	55.4

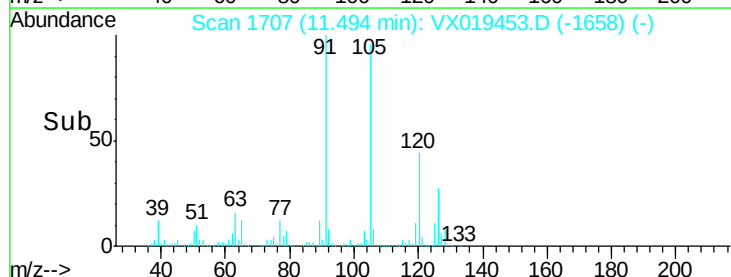
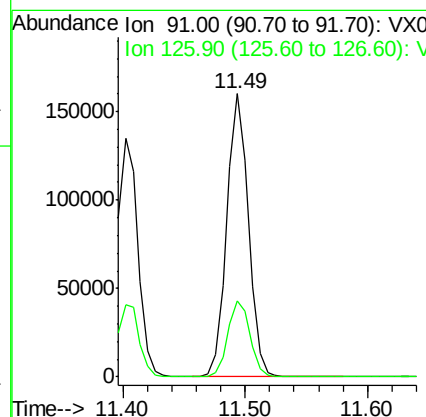
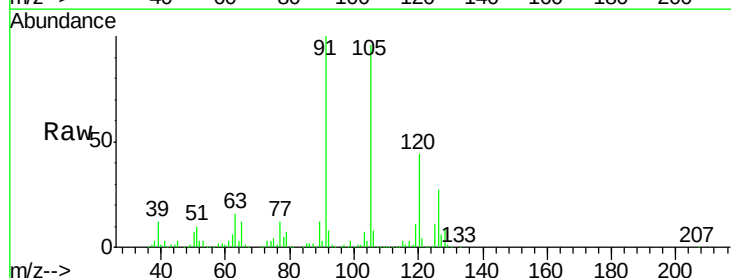
Manual Integrations
APPROVED

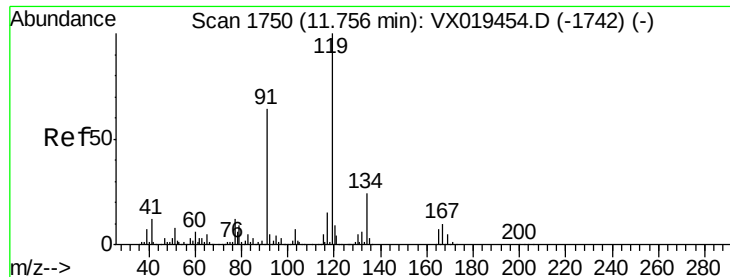
MMDadoda
11/19/2020 11:58:04 AM



#82
4-Chlorotoluene
Concen: 19.262 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.5	14.1	42.2





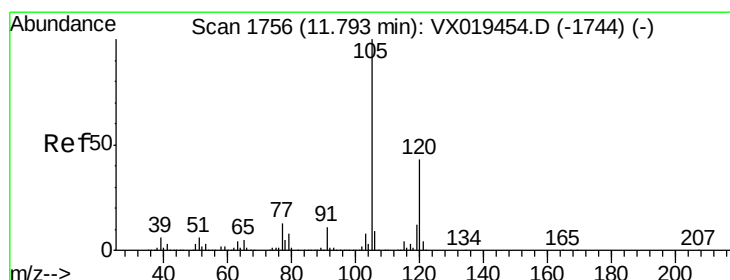
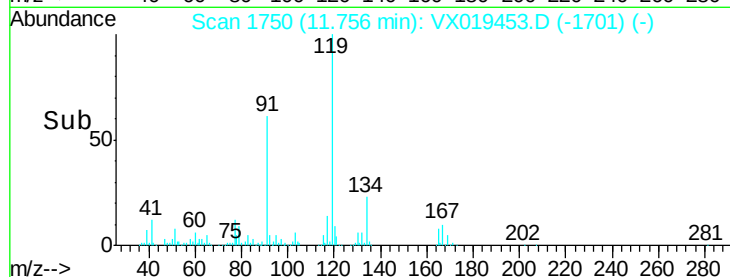
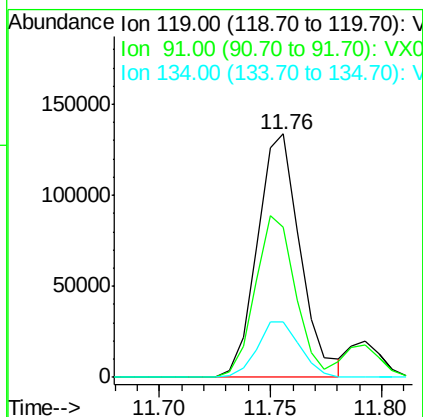
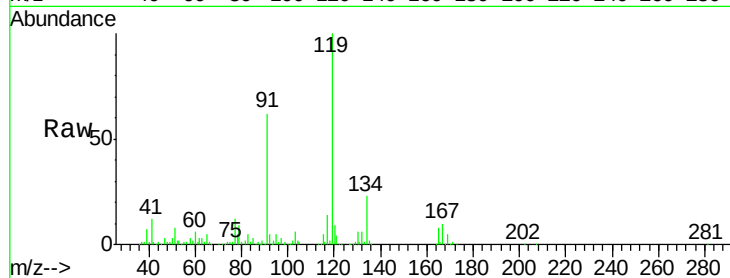
#83
tert-Butylbenzene
Concen: 18.108 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	178951		
91	62.3	31.1	93.2	
134	22.8	11.6	34.7	

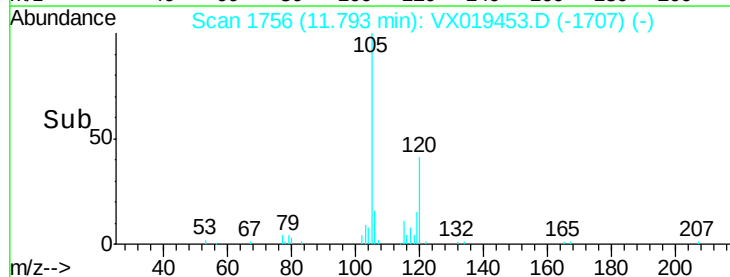
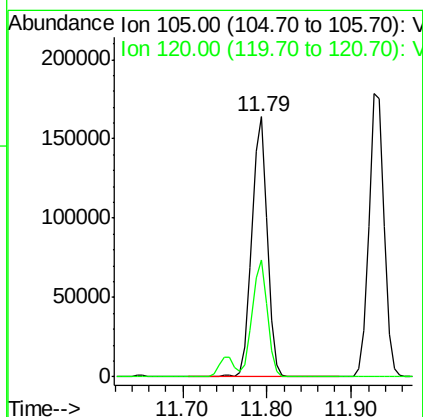
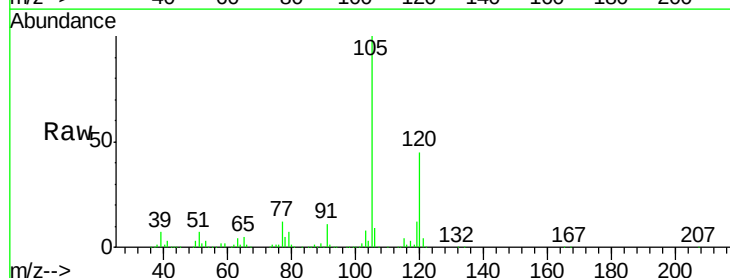
Manual Integrations
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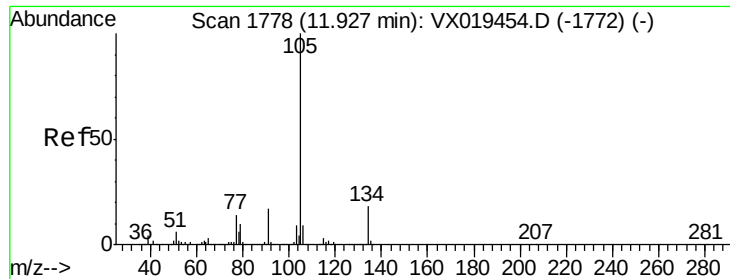
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.029 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200525		
120	44.0	21.5	64.5	





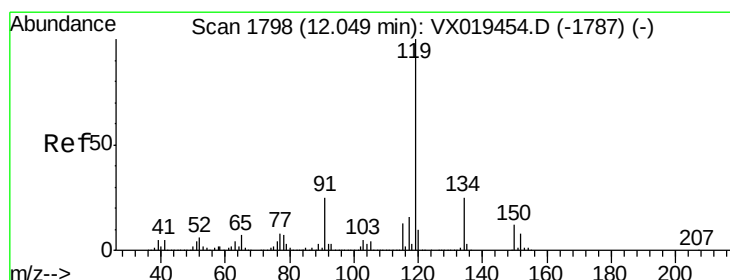
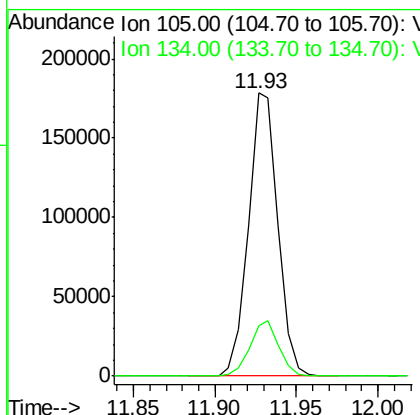
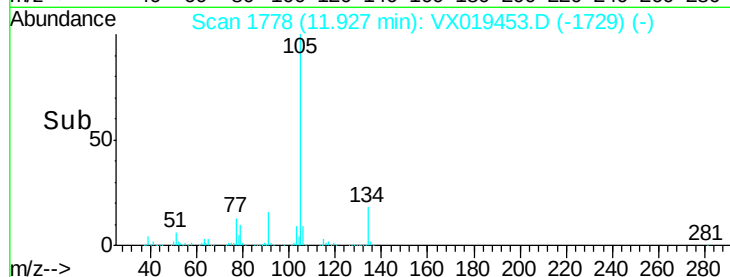
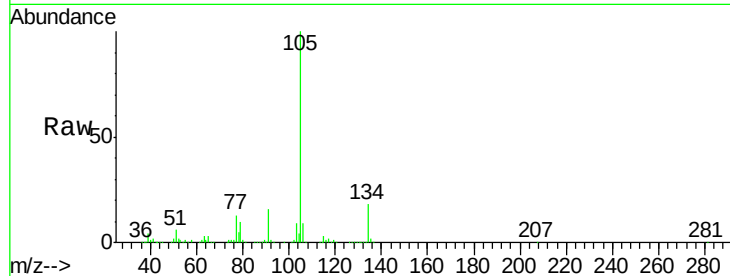
#85
 sec-Butylbenzene
 Concen: 18.746 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.6	28.6

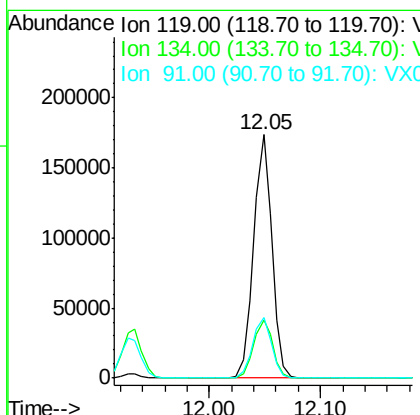
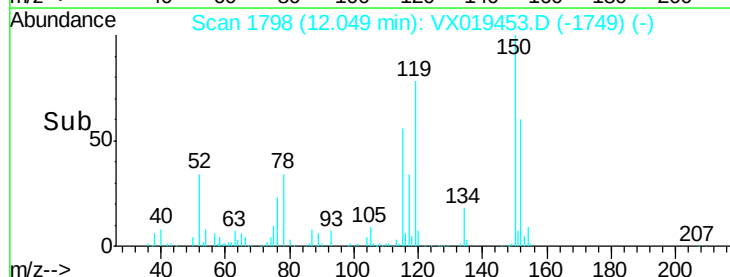
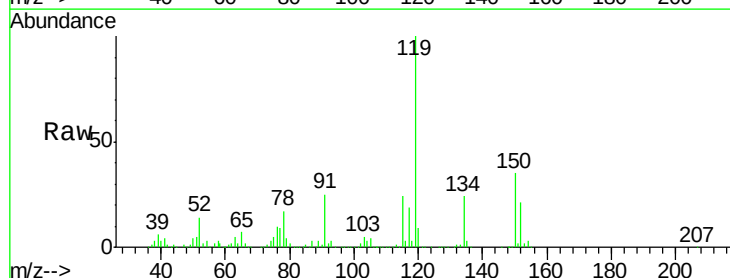
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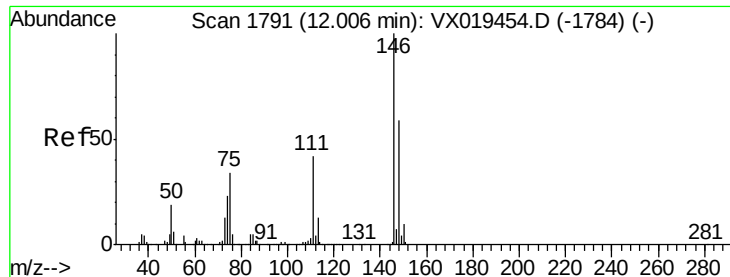
MMDadoda
 11/19/2020 11:58:04 AM



#86
 p-Isopropyltoluene
 Concen: 18.107 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.3
91	25.6	12.6	37.6





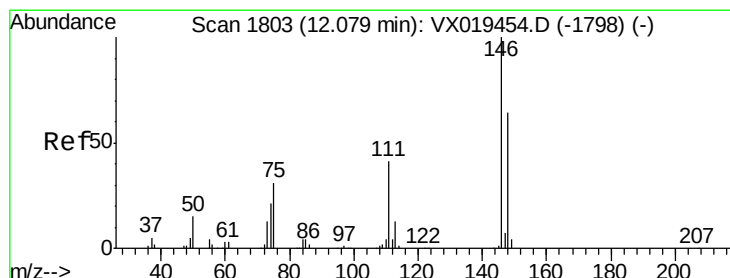
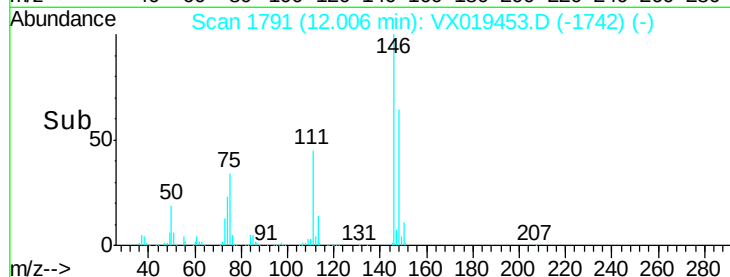
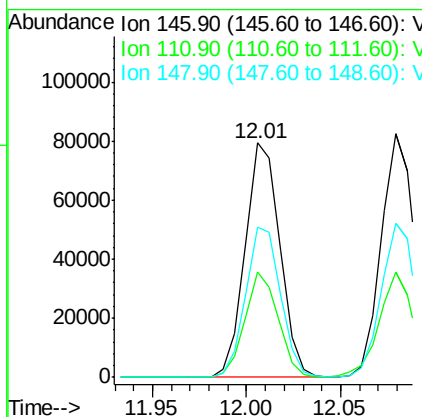
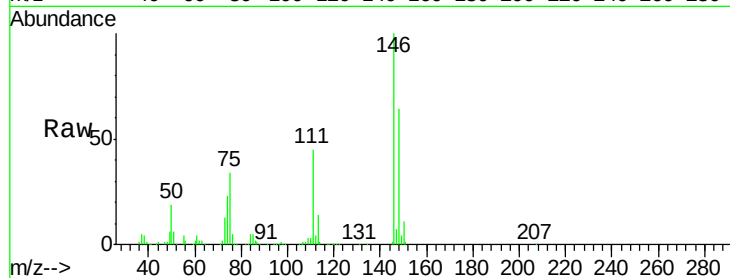
#87
 1,3-Dichlorobenzene
 Concen: 17.964 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.4
148	64.4	31.1	93.3

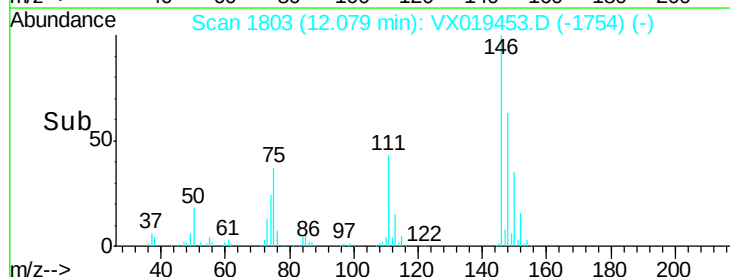
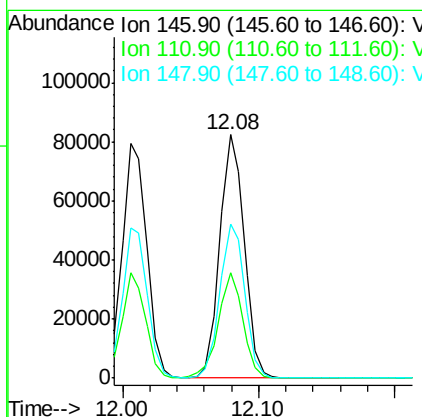
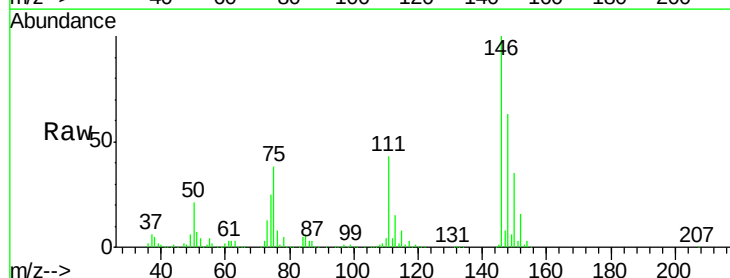
Manual Integrations
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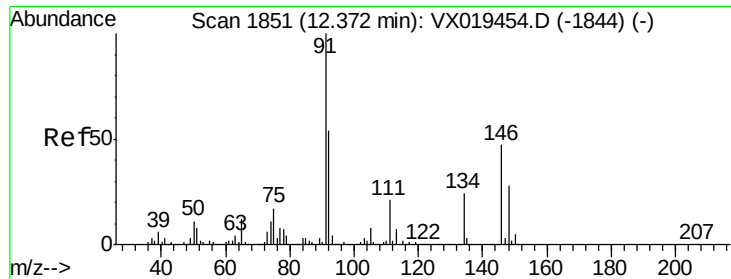
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#88
 1,4-Dichlorobenzene
 Concen: 17.383 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	20.7	62.1
148	64.5	31.4	94.0





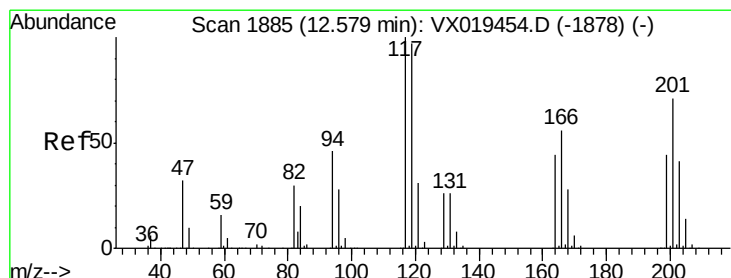
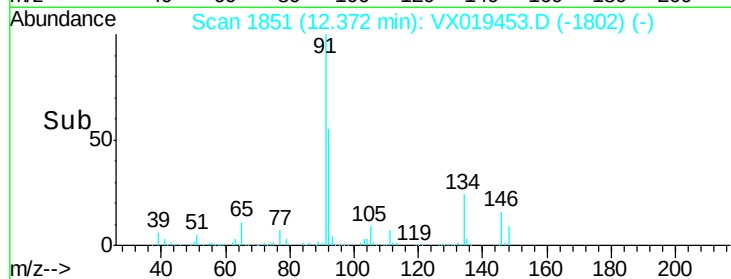
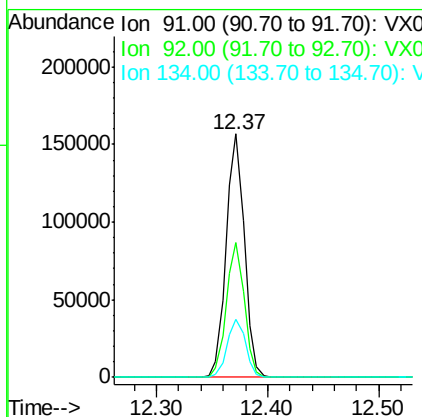
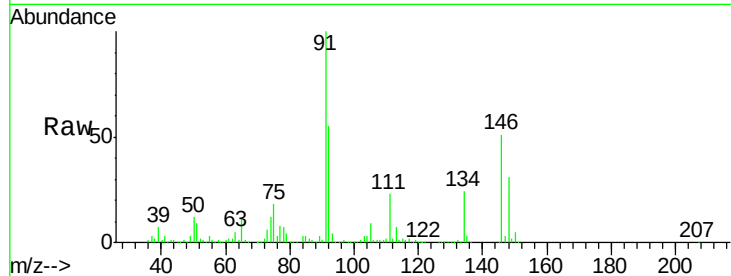
#89
n-Butylbenzene
Concen: 17.190 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.0	81.0
134	24.2	12.0	36.1

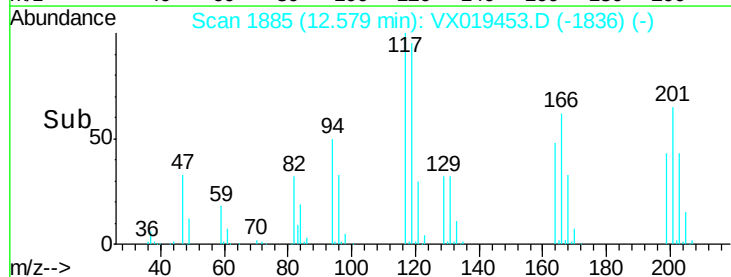
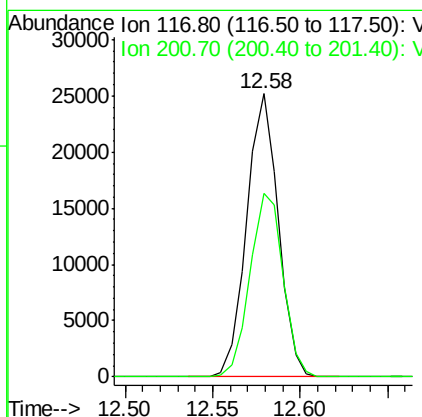
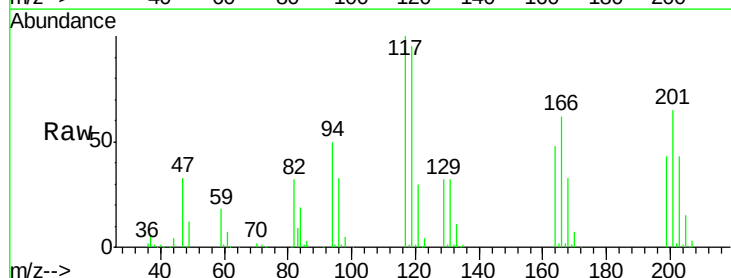
Manual Integrations
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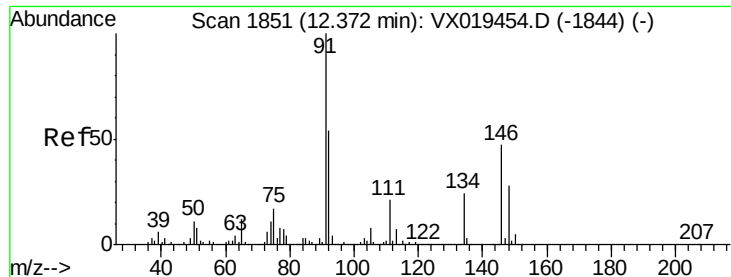
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#90
Hexachloroethane
Concen: 17.132 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019453.D
Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.1	35.8	107.3





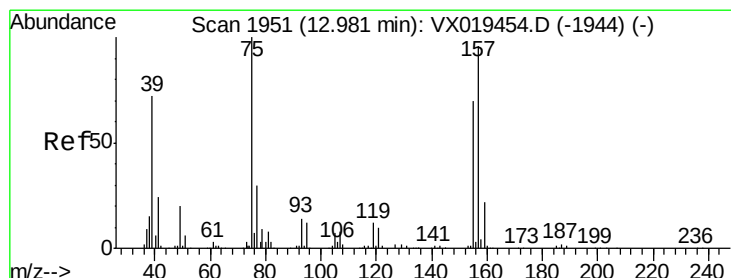
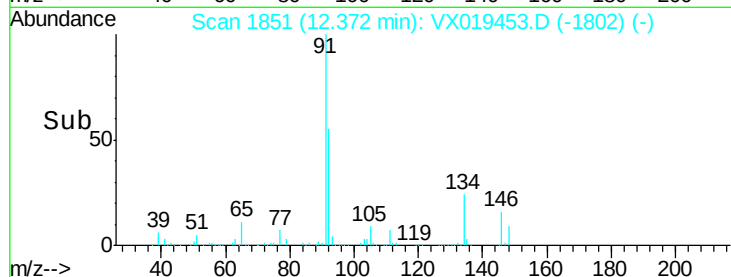
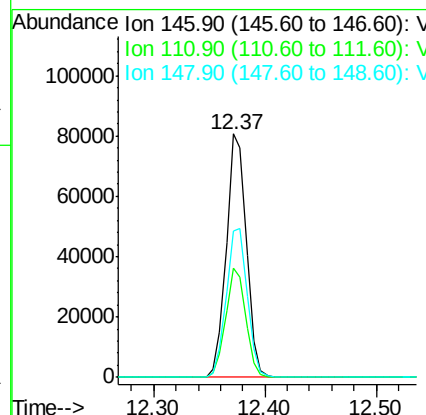
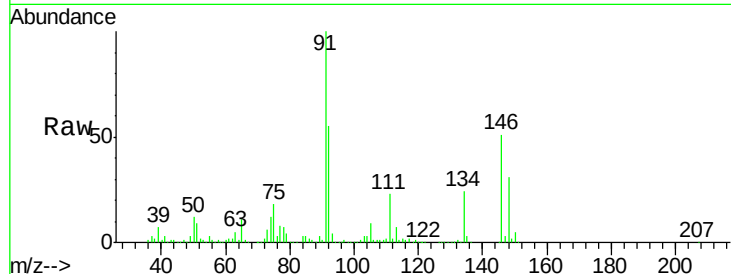
#91
 1,2-Dichlorobenzene
 Concen: 18.477 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	100875		
111	44.8		22.1	66.3
148	64.0		31.2	93.6

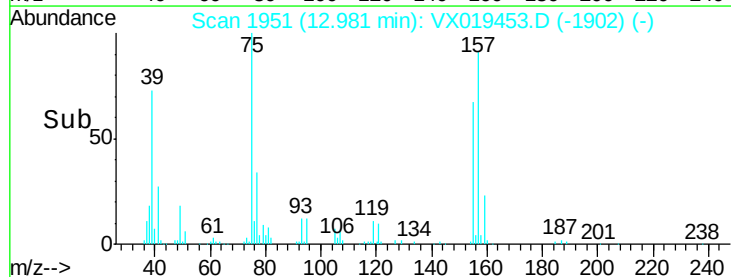
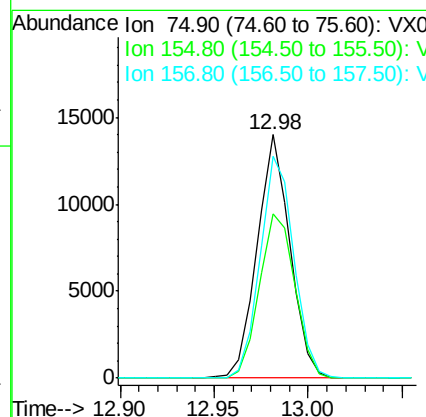
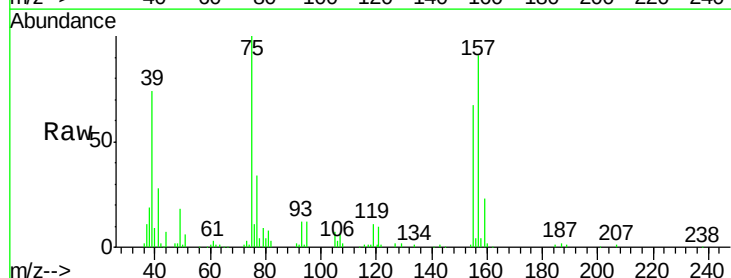
Manual Integrations
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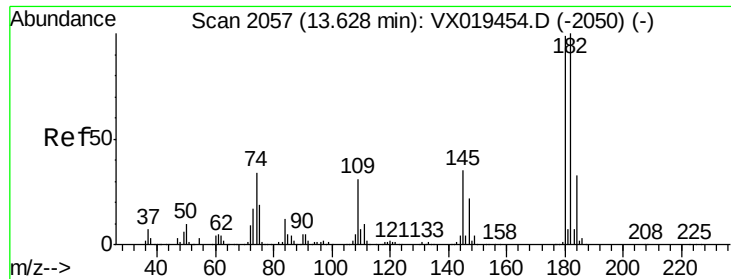
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.871 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16889		
155	72.7		36.4	109.1
157	93.4		47.9	143.8





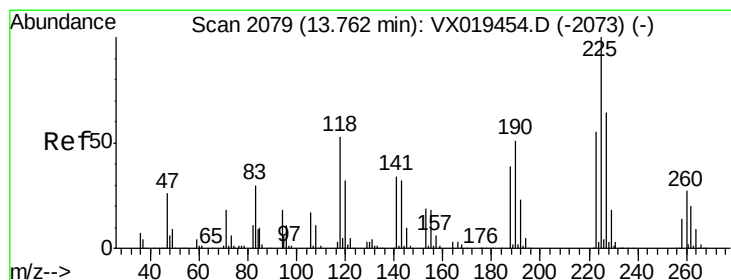
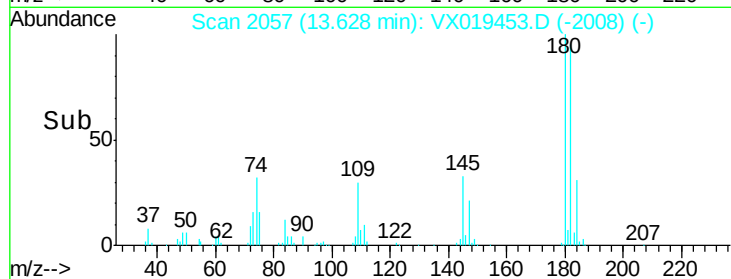
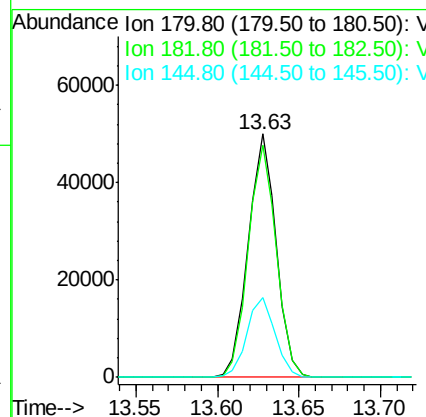
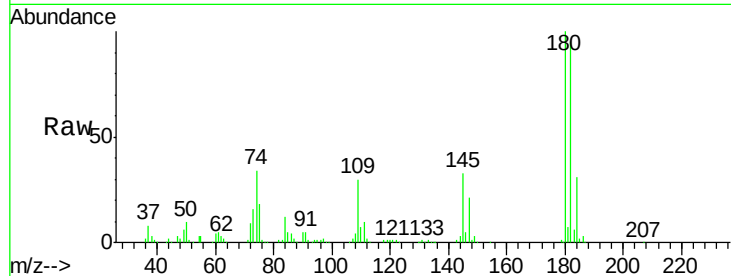
#93
 1,2,4-Trichlorobenzene
 Concen: 14.899 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	59725		
182	95.8	48.1	144.4	
145	33.3	16.9	50.6	

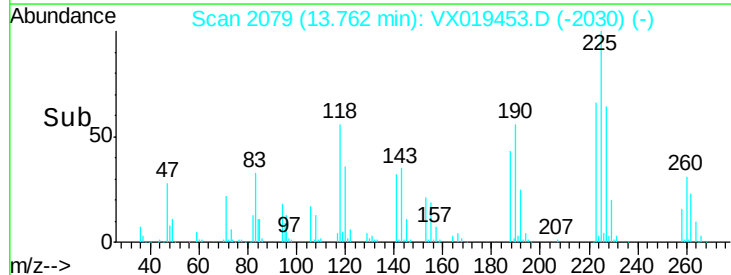
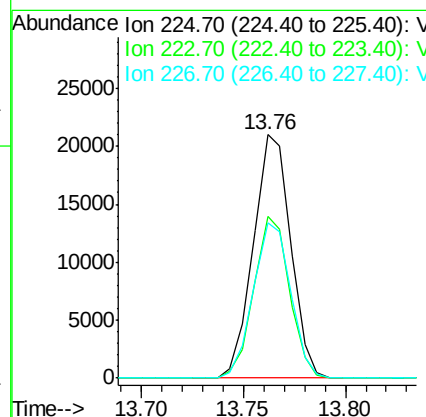
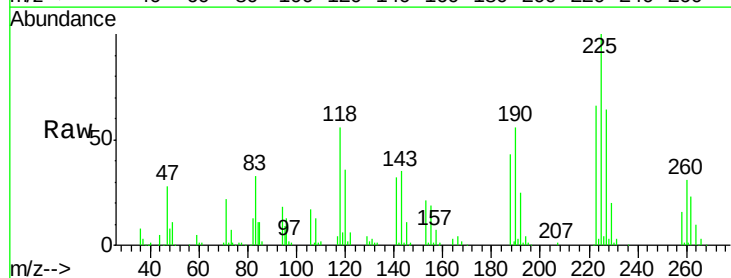
Manual Integrations
 APPROVED

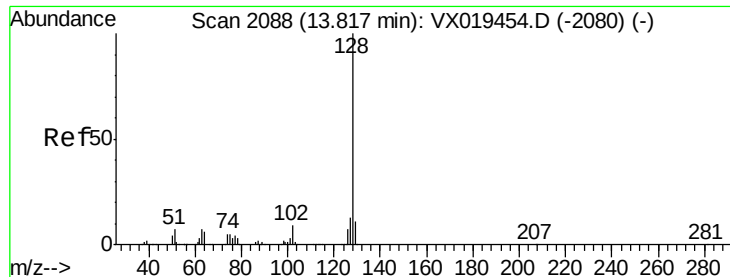
MMDadoda
 11/19/2020 11:58:04 AM



#94
 Hexachlorobutadiene
 Concen: 15.143 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019453.D
 Acq: 18 Nov 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26813		
223	63.4	29.9	89.8	
227	63.9	32.6	98.0	





#95

Naphthalene

Concen: 16.081 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Instrument :

MSVOA_X

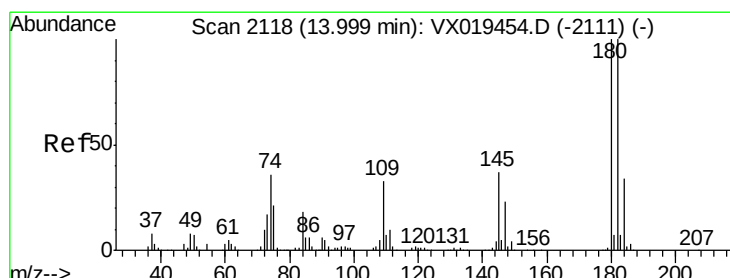
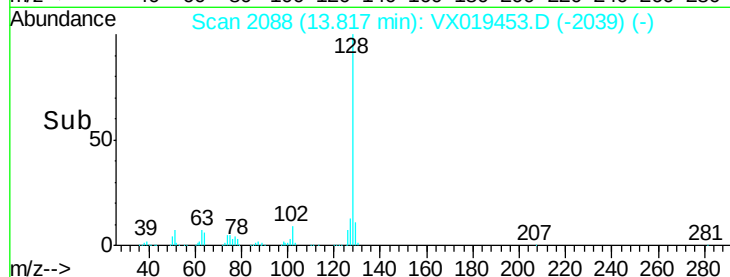
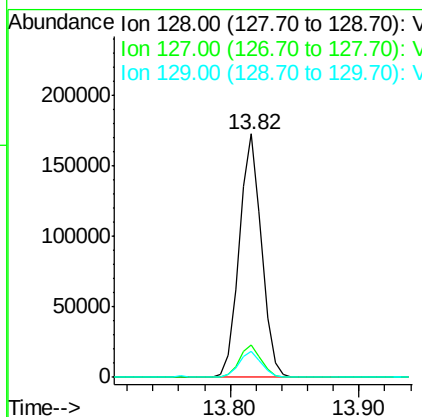
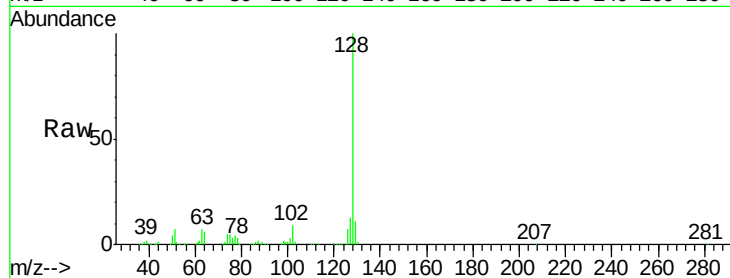
ClientSampleId :

VSTDIC020

Tot Ion:	128	Resp:	206122
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:04 AM



#96

1,2,3-Trichlorobenzene

Concen: 15.569 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019453.D

Acq: 18 Nov 2020 14:15

Tgt Ion:	180	Resp:	60813
Ion Ratio		Lower	Upper
180	100		
182	96.6	49.0	147.0
145	35.1	17.6	52.8

