

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019006.D
 Acq On : 21 Oct 2020 18:01
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 1:21:43 PM

Quant Time: Oct 22 01:33:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	413962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	379669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2356	1.002	ug/l	97
3) Chloromethane	1.31	50	2541	0.939	ug/l	94
4) Vinyl Chloride	1.39	62	2798	0.962	ug/l	98
6) Chloroethane	1.72	64	1905	1.114	ug/l	94
7) Trichlorofluoromethane	1.92	101	4728	1.051	ug/l	95
8) Diethyl Ether	2.17	74	1955	1.211	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2337	0.993	ug/l	96
12) 1,1-Dichloroethene	2.36	96	2457	1.030	ug/l	95
14) Allyl chloride	2.71	41	3117	0.711	ug/l	91
15) Acrylonitrile	3.12	53	5734	4.112	ug/l	98
16) Acetone	2.43	43	5518	4.305	ug/l	97
17) Carbon Disulfide	2.55	76	8015	1.133	ug/l	96
18) Methyl Acetate	2.76	43	2438	0.767	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	7184	0.872	ug/l	96
20) Methylene Chloride	2.84	84	3048	1.038	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	2958	1.062	ug/l	92
22) Diisopropyl ether	3.82	45	5815	0.703	ug/l #	81
23) Vinyl Acetate	3.79	43	26425	3.585	ug/l	98
24) 1,1-Dichloroethane	3.67	63	4218	0.852	ug/l	100
25) 2-Butanone	4.65	43	7477	3.741	ug/l	95
26) 2,2-Dichloropropane	4.54	77	3950	0.862	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	2972	0.950	ug/l	95
28) Bromochloromethane	4.99	49	1894	0.834	ug/l #	97
29) Tetrahydrofuran	5.10	42	4927	3.965	ug/l	94
30) Chloroform	5.18	83	4520	0.891	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	4009	0.847	ug/l #	49
36) 1,1-Dichloropropene	5.77	75	3665	0.926	ug/l	93
37) Ethyl Acetate	4.79	43	2879	0.703	ug/l #	86
38) Carbon Tetrachloride	5.75	117	3898	0.898	ug/l	91
39) Methylcyclohexane	7.43	83	4212	0.947	ug/l	94
40) Benzene	6.11	78	10385	0.908	ug/l	96
41) Methacrylonitrile	5.02	41	1568	0.691	ug/l #	86
42) 1,2-Dichloroethane	6.17	62	3478	0.796	ug/l	100
43) Isopropyl Acetate	6.41	43	4845	0.710	ug/l	99

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Manual Integrations
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Quant Time: Oct 22 01:33:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	3104	0.937	ug/l	97
45) 1,2-Dichloropropane	7.49	63	2481	0.804	ug/l	100
46) Dibromomethane	7.63	93	1978	0.924	ug/l	99
47) Bromodichloromethane	7.88	83	3524	0.818	ug/l	93
48) Methyl methacrylate	7.75	41	2917	0.884	ug/l #	83
49) 1,4-Dioxane	7.75	88	1113	19.209	ug/l #	85
51) 4-Methyl-2-Pentanone	8.62	43	14494	3.574	ug/l	98
52) Toluene	8.76	92	6550	0.901	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	4135	0.845	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	4221	0.836	ug/l #	88
55) 1,1,2-Trichloroethane	9.20	97	2711	0.904	ug/l	94
56) Ethyl methacrylate	9.16	69	3798	0.861	ug/l	95
57) 1,3-Dichloropropane	9.35	76	4164	0.832	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	9602	4.113	ug/l	96
59) 2-Hexanone	9.47	43	10554	3.437	ug/l	96
60) Dibromochloromethane	9.56	129	2717	0.767	ug/l	100
61) 1,2-Dibromoethane	9.66	107	2899	0.909	ug/l	96
64) Tetrachloroethene	9.32	164	3287	1.110	ug/l	90
65) Chlorobenzene	10.12	112	7672	0.978	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	2488	0.801	ug/l #	65
67) Ethyl Benzene	10.23	91	12831	0.950	ug/l	99
68) m/p-Xylenes	10.34	106	9591	1.863	ug/l	95
69) o-Xylene	10.68	106	4346	0.892	ug/l	91
70) Styrene	10.70	104	7378	0.883	ug/l	96
71) Bromoform	10.84	173	1887	0.731	ug/l #	97
73) Isopropylbenzene	11.00	105	11828	0.964	ug/l	96
74) N-amyl acetate	10.88	43	3903	0.745	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.25	83	3596	0.896	ug/l	91
76) 1,2,3-Trichloropropane	11.28	75	3737m	0.987	ug/l	
77) Bromobenzene	11.24	156	3231	0.965	ug/l	98
78) n-propylbenzene	11.34	91	14407	1.010	ug/l	99
79) 2-Chlorotoluene	11.40	91	8789	1.023	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	10004	0.960	ug/l	100
82) 4-Chlorotoluene	11.49	91	10463	1.025	ug/l	99
83) tert-Butylbenzene	11.76	119	9764	0.961	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	10044	0.959	ug/l	100
85) sec-Butylbenzene	11.93	105	11955	0.994	ug/l	99
86) p-Isopropyltoluene	12.05	119	11281	1.025	ug/l	95
87) 1,3-Dichlorobenzene	12.01	146	6408	1.067	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	6706m	1.100	ug/l	
89) n-Butylbenzene	12.37	91	10666	1.048	ug/l	99
90) Hexachloroethane	12.57	117	1424	0.666	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	5389	0.954	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	887	0.930	ug/l	84
93) 1,2,4-Trichlorobenzene	13.63	180	4565	1.155	ug/l	99
94) Hexachlorobutadiene	13.76	225	2354	1.403	ug/l	88
95) Naphthalene	13.82	128	11972	1.001	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	4193	1.110	ug/l	98

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

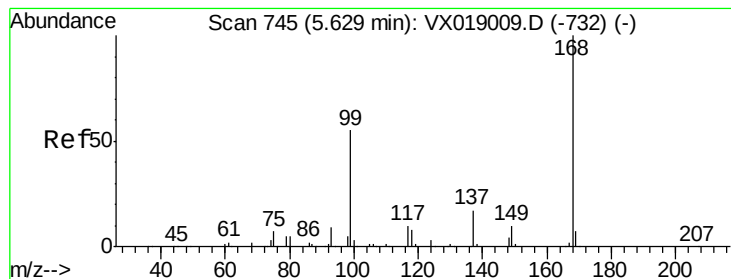
Manual Integrations
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10/22/2020 1:21:43 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 247120

Ion Ratio Lower Upper

168 100

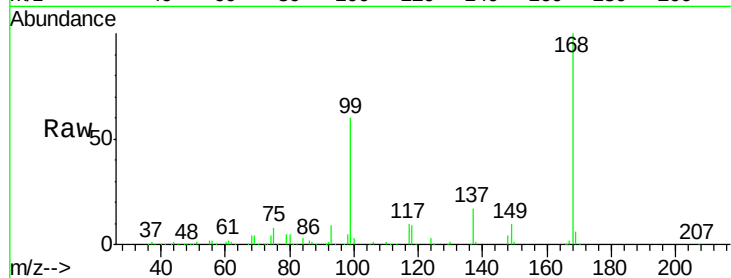
99 59.5 44.2 66.2

Manual Integrations

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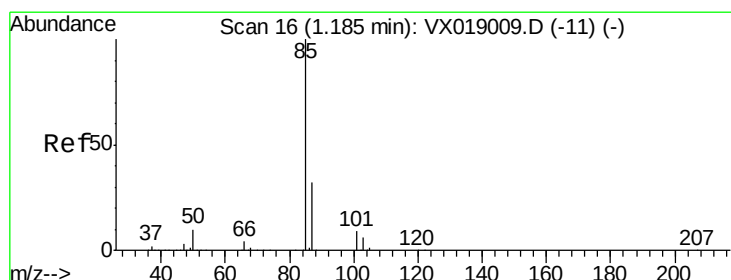
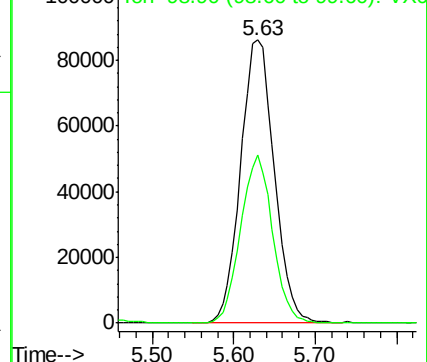
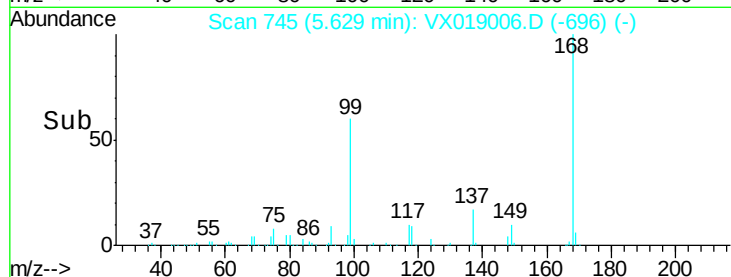
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.002 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019006.D

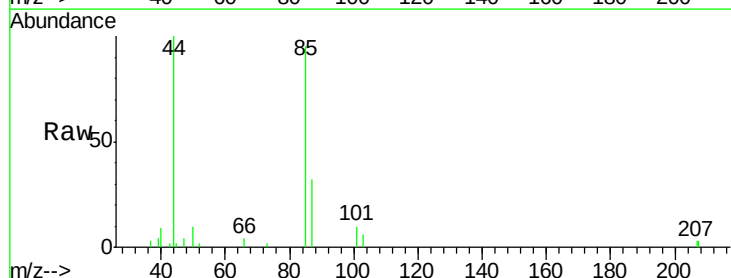
Acq: 21 Oct 2020 18:01

Tgt Ion: 85 Resp: 2356

Ion Ratio Lower Upper

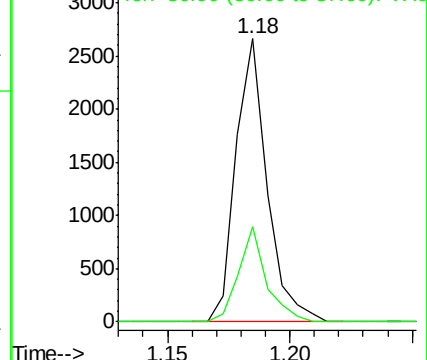
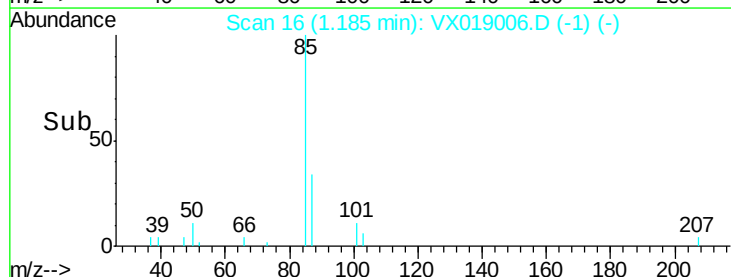
85 100

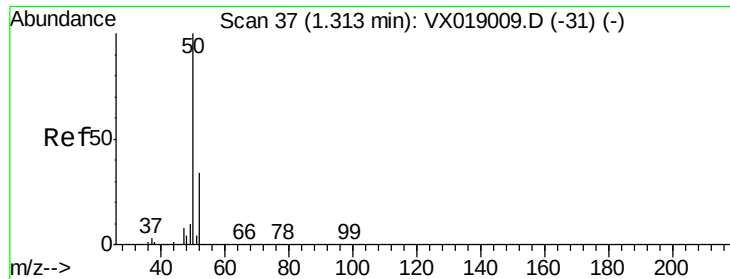
87 33.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.939 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2541

Ion Ratio Lower Upper

50 100

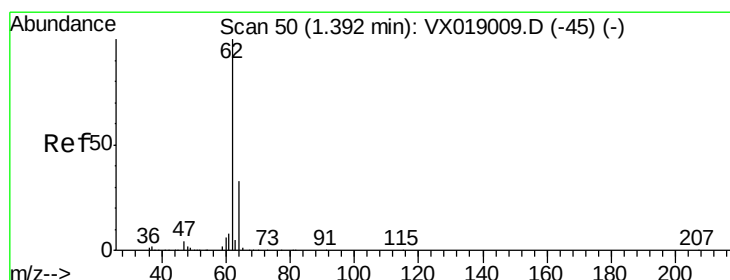
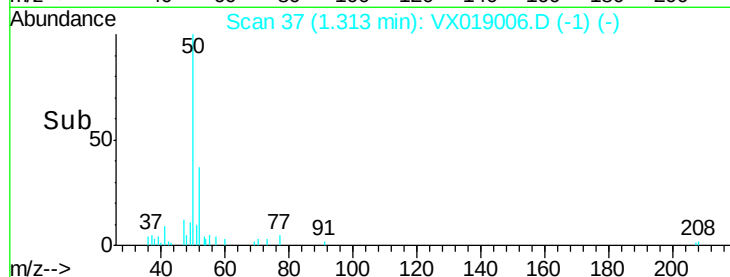
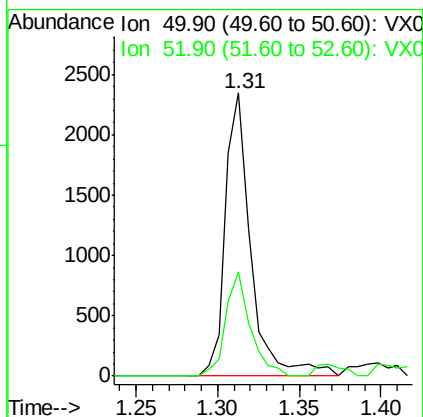
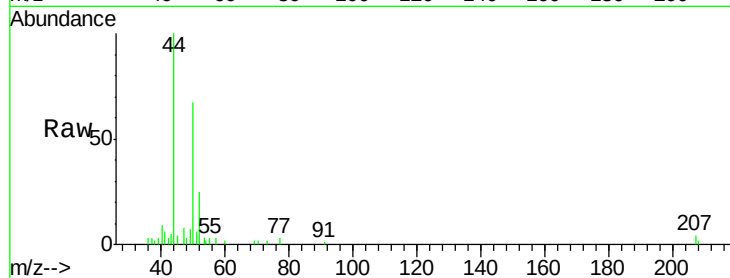
52 37.0 27.0 40.6

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#4

Vinyl Chloride

Concen: 0.962 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019006.D

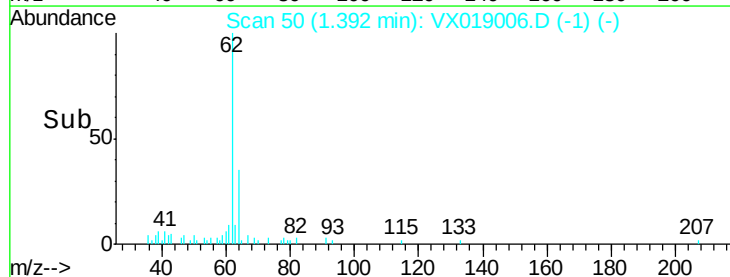
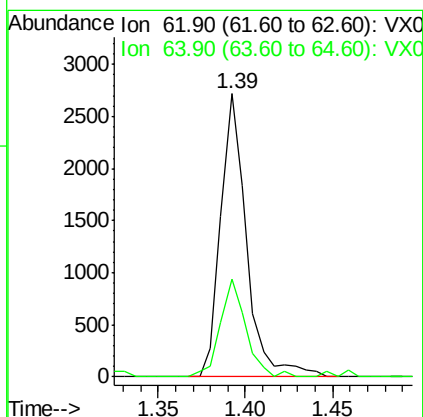
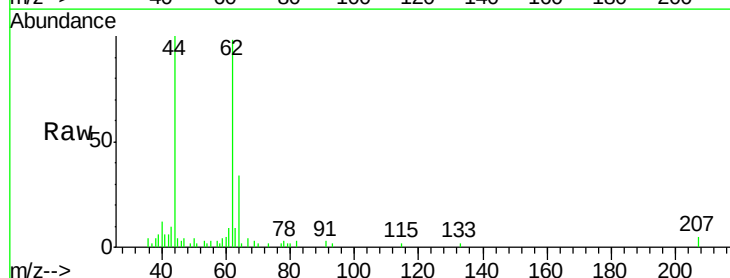
Acq: 21 Oct 2020 18:01

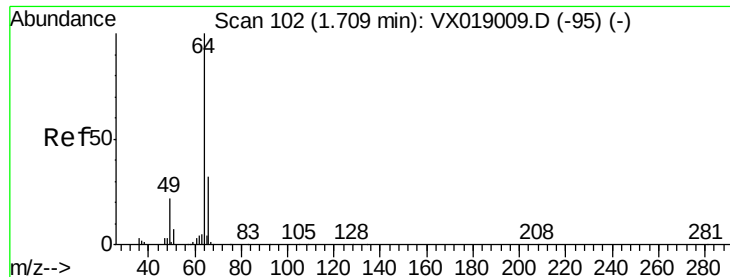
Tgt Ion: 62 Resp: 2798

Ion Ratio Lower Upper

62 100

64 34.5 26.5 39.7





#6

Chloroethane

Concen: 1.114 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1905

Ion Ratio Lower Upper

64 100

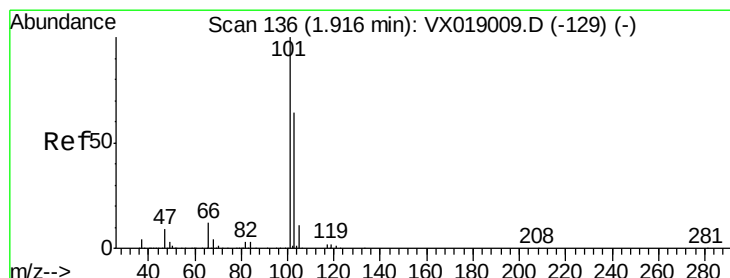
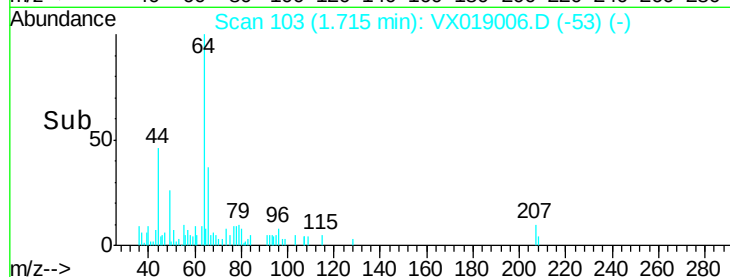
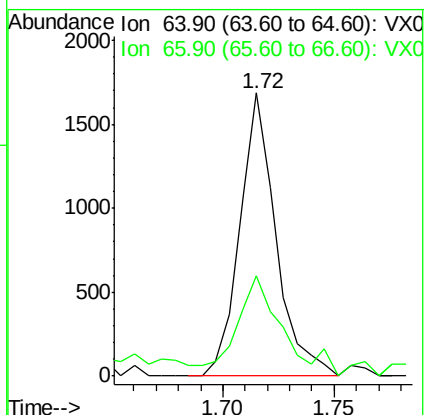
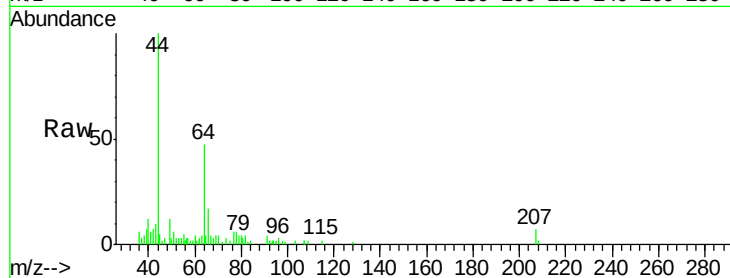
66 35.2 25.7 38.5

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.051 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX019006.D

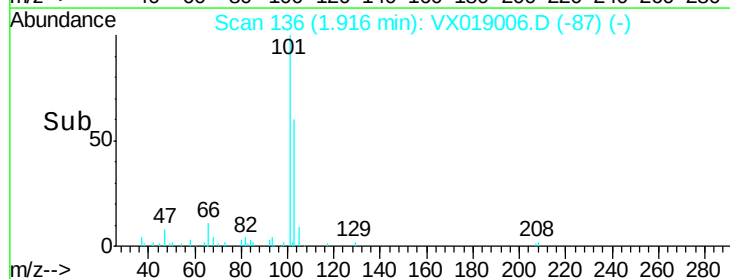
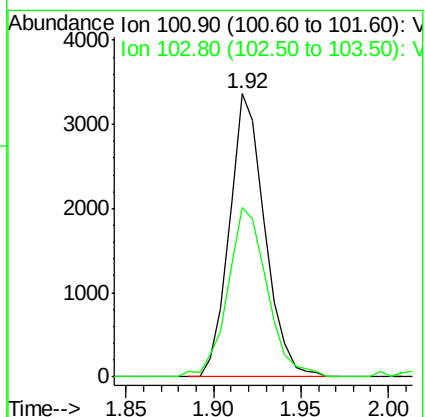
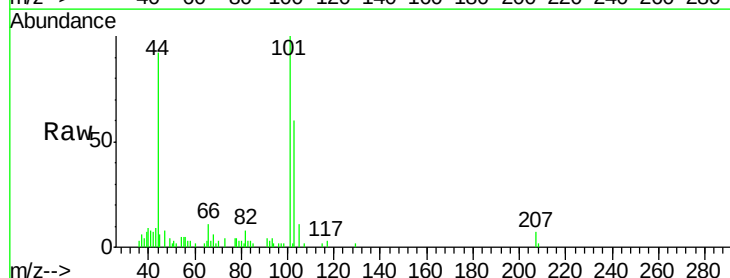
Acq: 21 Oct 2020 18:01

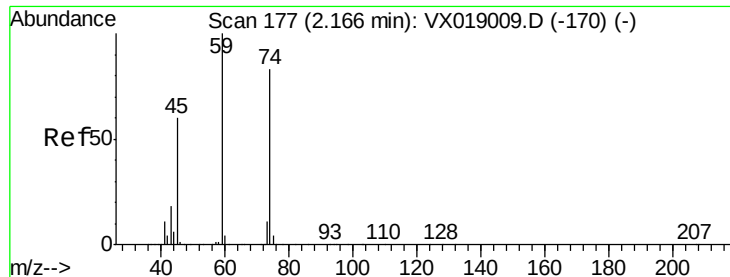
Tgt Ion: 101 Resp: 4728

Ion Ratio Lower Upper

101 100

103 59.7 51.2 76.8





#8

Diethyl Ether

Concen: 1.211 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1955

Ion Ratio Lower Upper

74 100

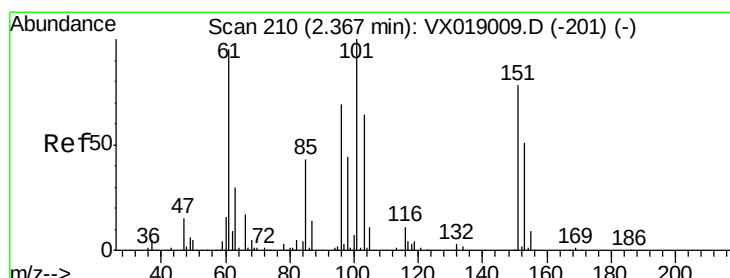
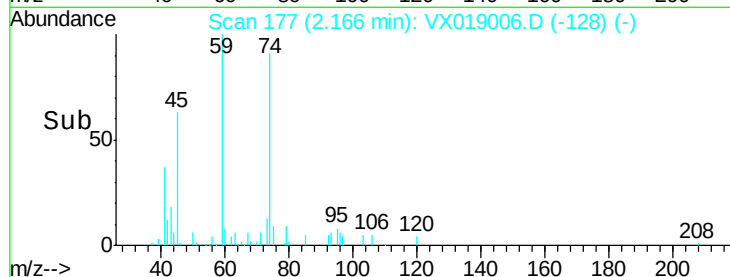
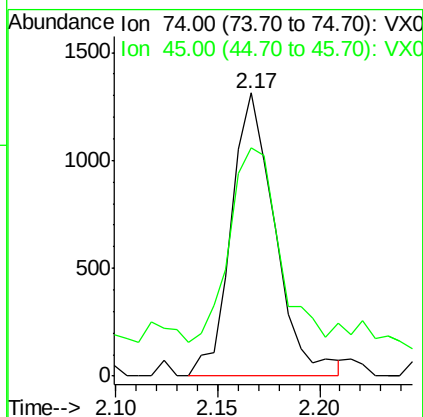
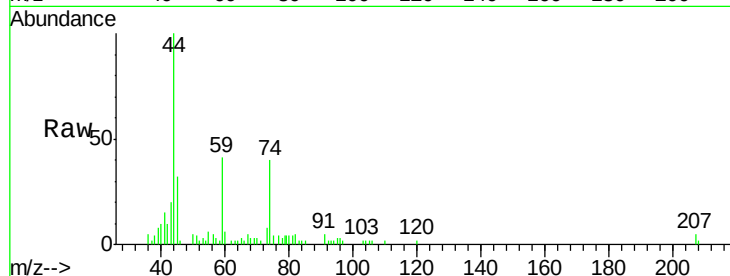
45 76.6 36.8 110.4

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.993 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

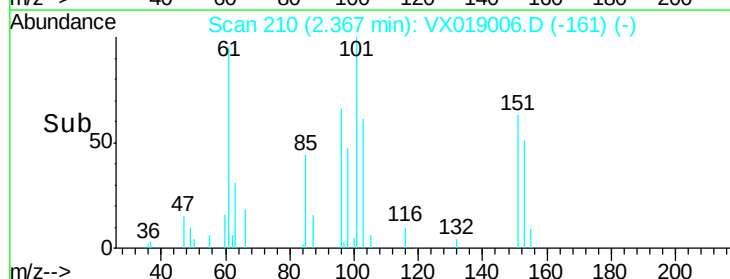
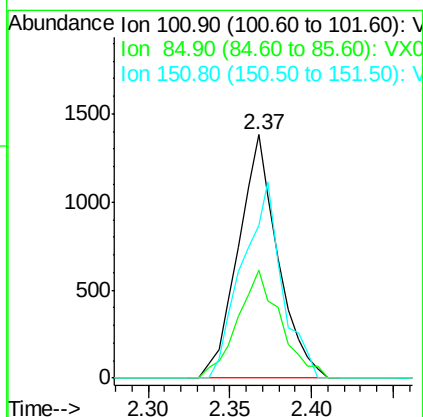
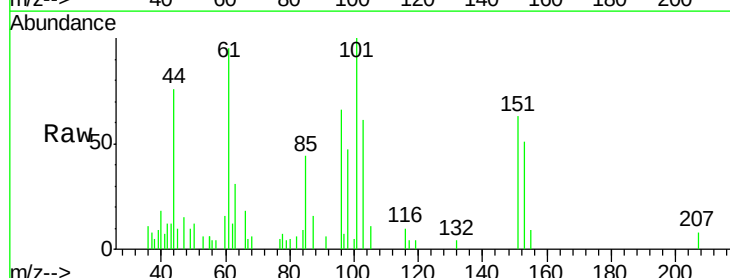
Tgt Ion: 101 Resp: 2337

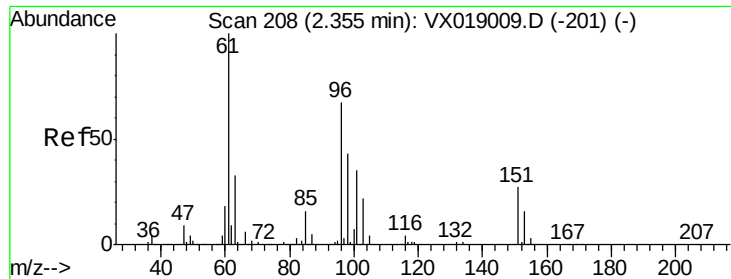
Ion Ratio Lower Upper

101 100

85 48.3 35.2 52.8

151 80.6 62.4 93.6





#12

1,1-Dichloroethene

Concen: 1.030 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

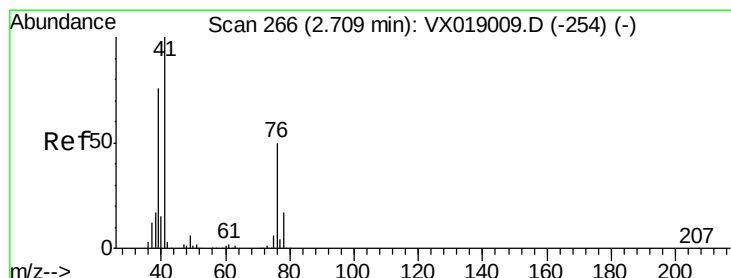
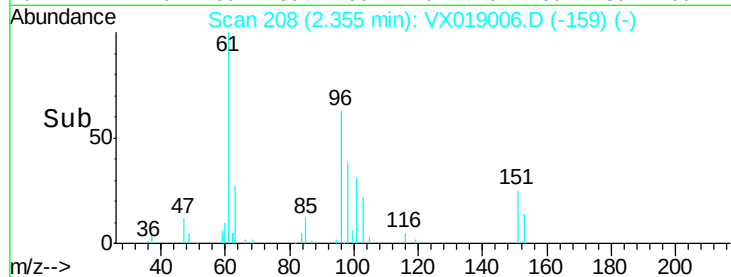
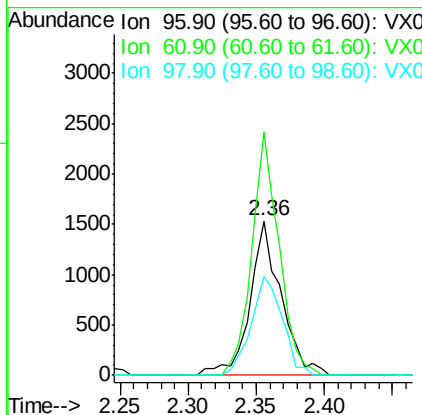
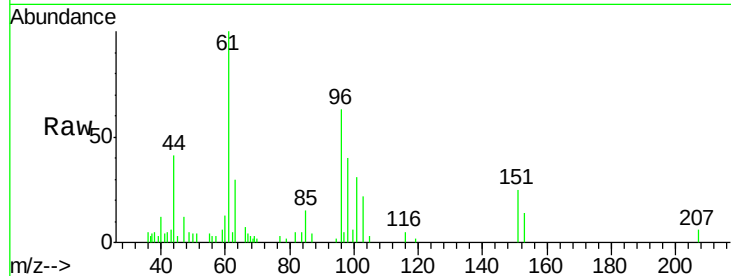
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2457
Ion	Ratio	Lower	Upper
96	100		
61	158.0	119.0	178.6
98	63.9	51.0	76.4

Manual Integrations
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#14

Allyl chloride

Concen: 0.711 ug/l

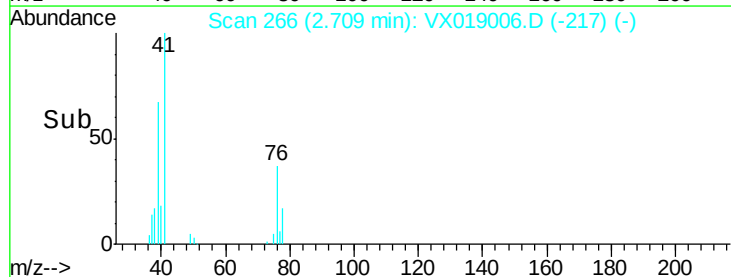
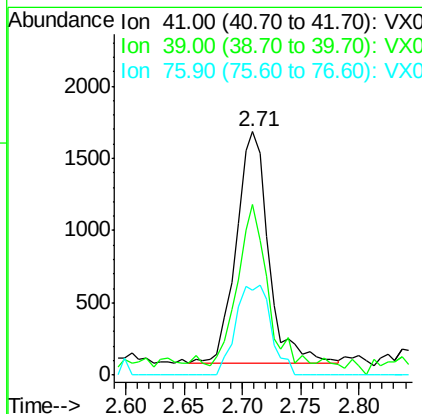
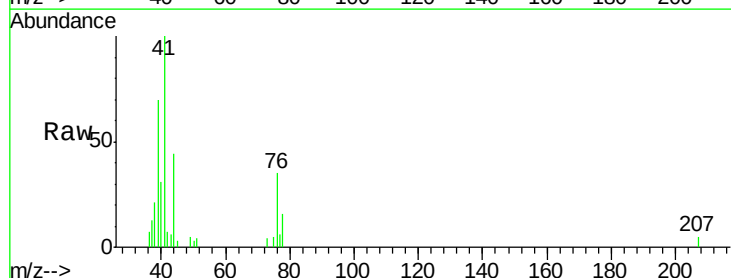
RT: 2.71 min Scan# 266

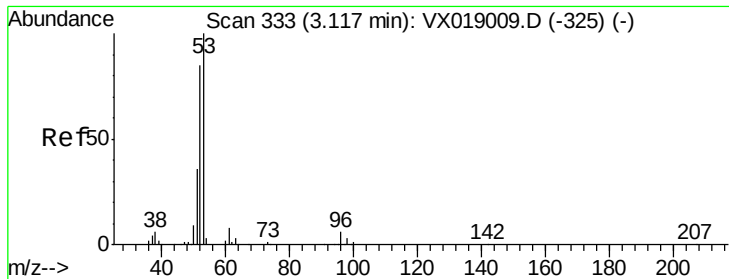
Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Tgt Ion:	41	Resp:	3117
Ion	Ratio	Lower	Upper
41	100		
39	62.9	57.4	86.0
76	42.3	37.7	56.5





#15

Acrylonitrile

Concen: 4.112 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

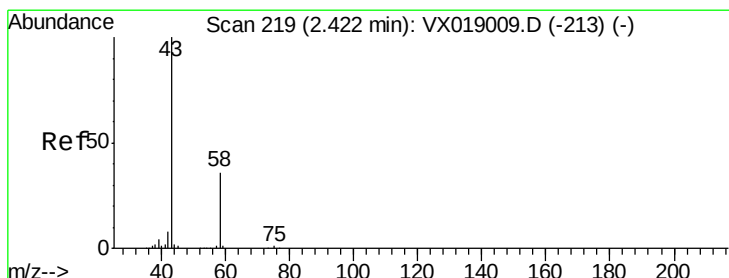
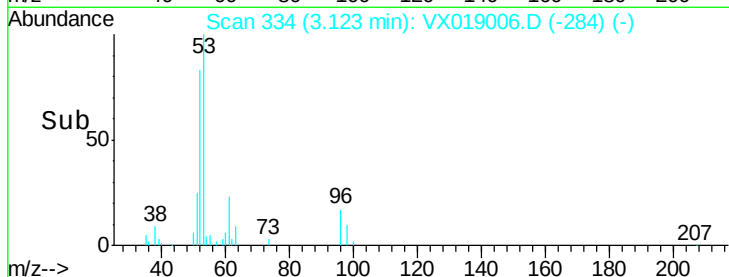
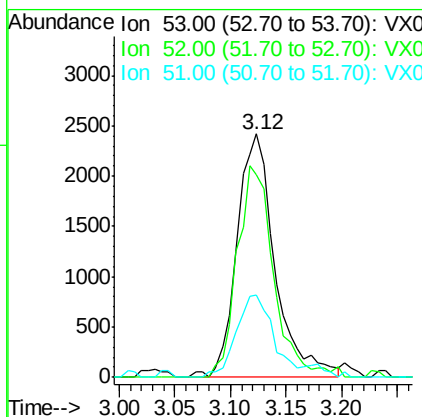
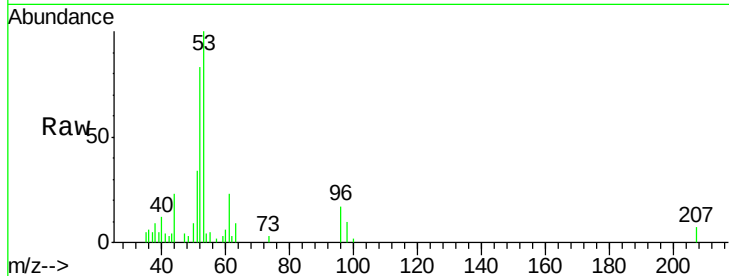
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	5734
Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.9	98.9
51	32.6	28.3	42.5

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#16

Acetone

Concen: 4.305 ug/l

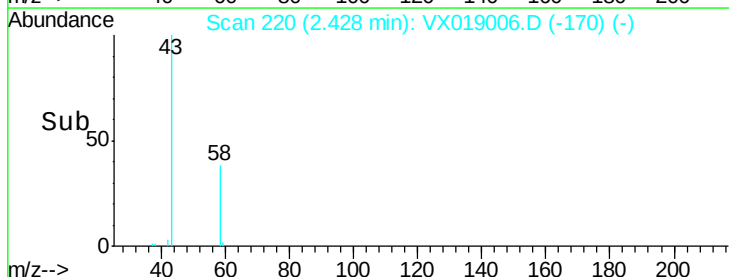
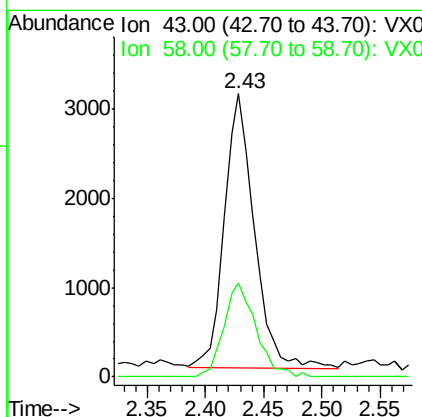
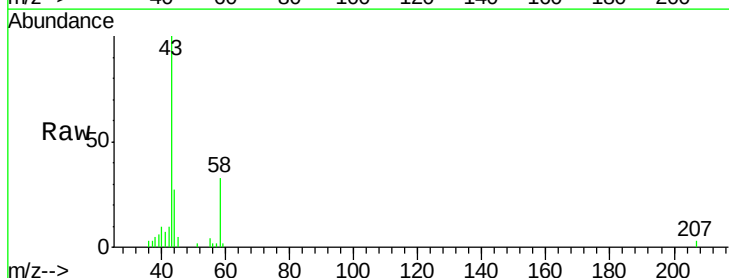
RT: 2.43 min Scan# 220

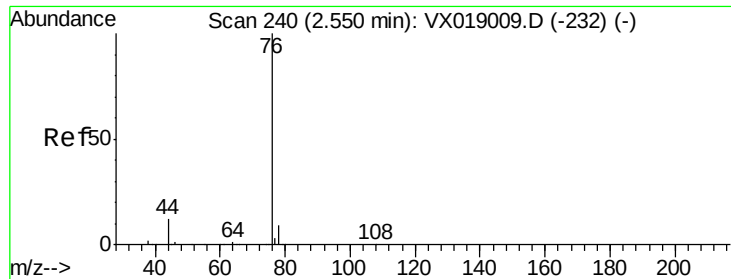
Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Tgt Ion:	43	Resp:	5518
Ion	Ratio	Lower	Upper
43	100		
58	34.2	28.6	42.8





#17

Carbon Disulfide

Concen: 1.133 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 8015

Ion Ratio Lower Upper

76 100

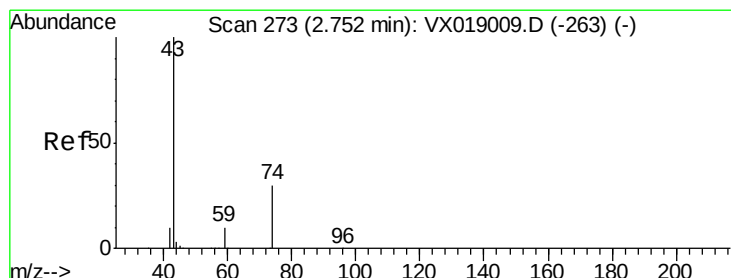
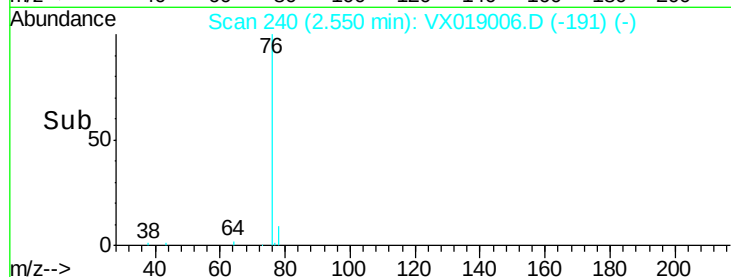
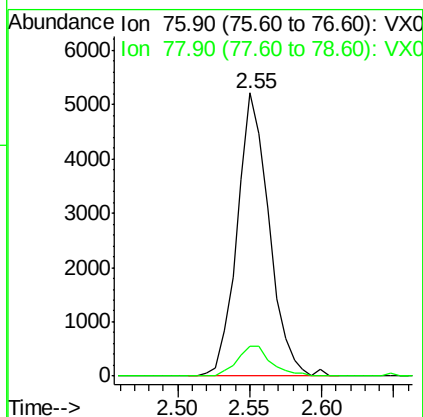
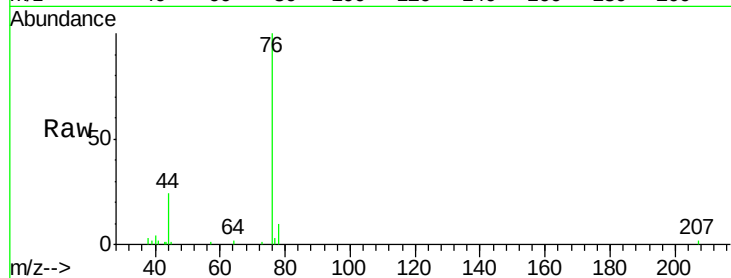
78 10.5 7.1 10.7

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#18

Methyl Acetate

Concen: 0.767 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX019006.D

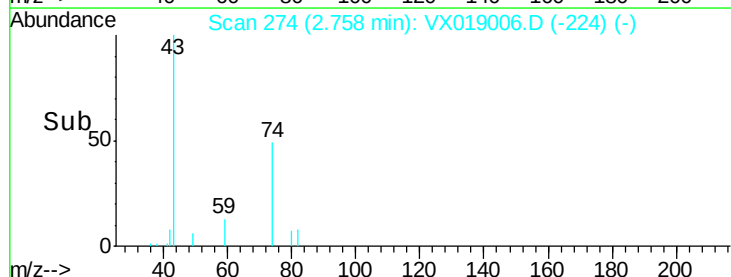
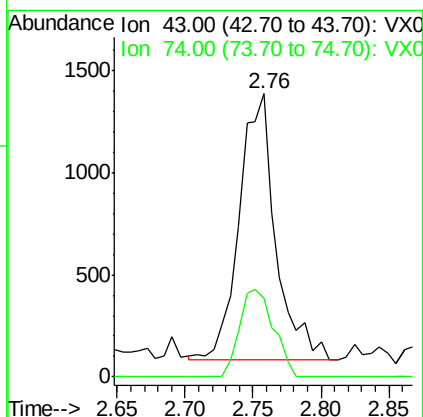
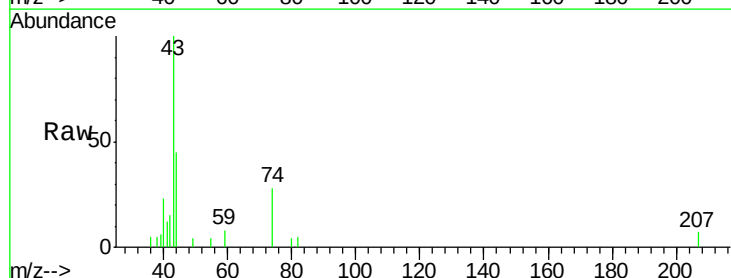
Acq: 21 Oct 2020 18:01

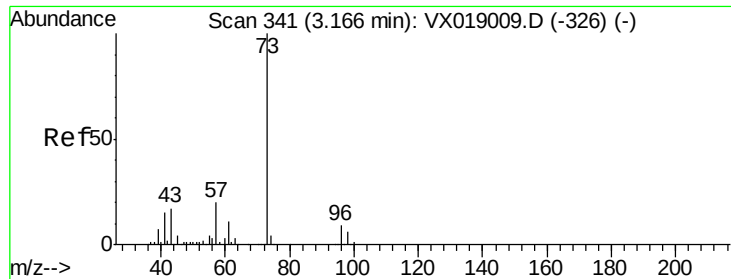
Tgt Ion: 43 Resp: 2438

Ion Ratio Lower Upper

43 100

74 30.7 24.9 37.3





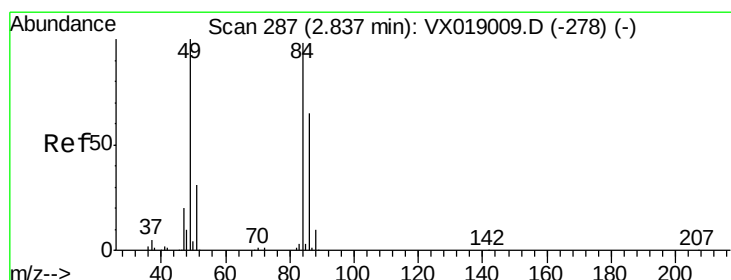
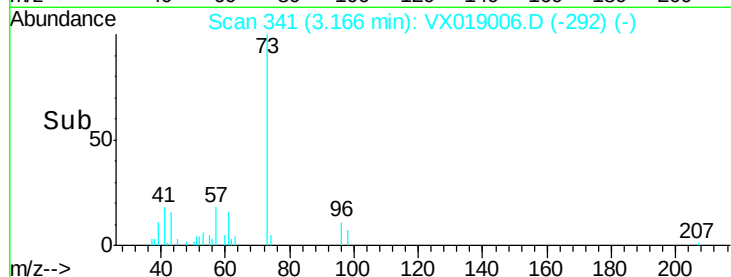
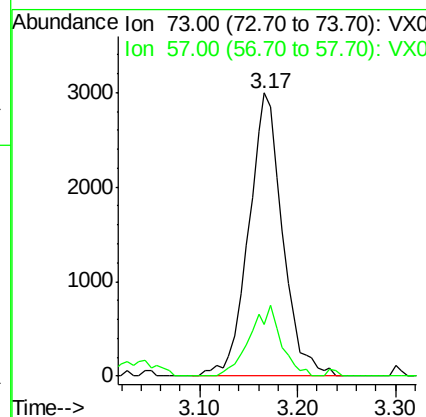
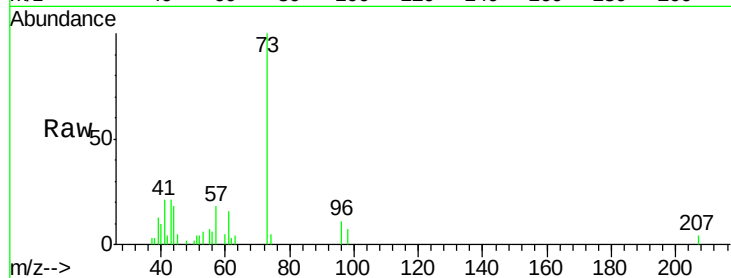
#19
Methyl tert-butyl Ether
Concen: 0.872 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	73	Resp	7184
Ion Ratio	100	Lower	Upper
73	100		
57	18.4	16.2	24.2

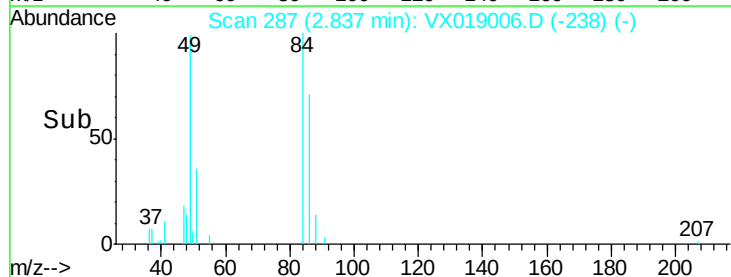
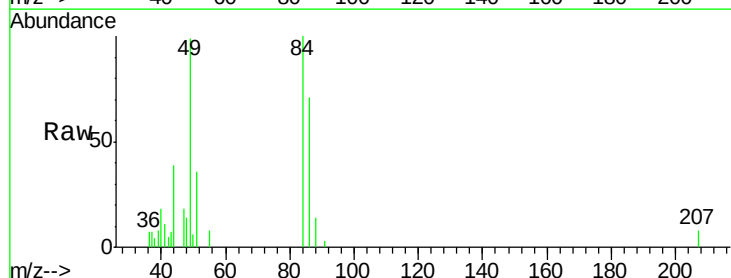
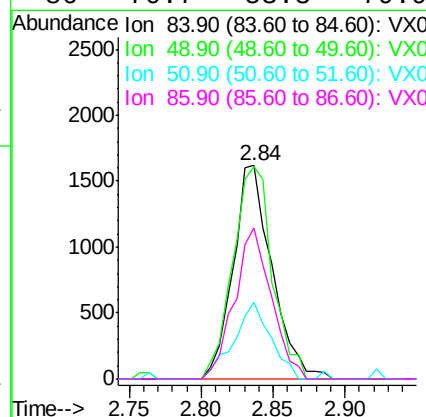
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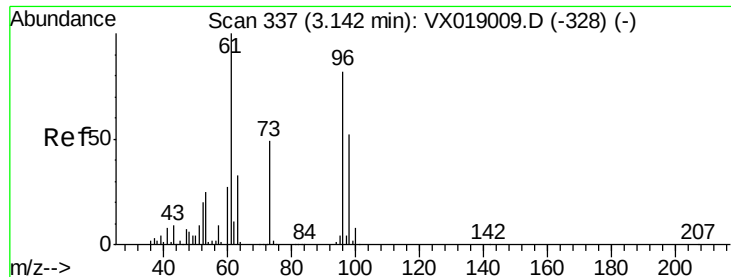
MMDadoda
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#20
Methylene Chloride
Concen: 1.038 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	84	Resp	3048
Ion Ratio	100	Lower	Upper
84	100		
49	99.3	81.6	122.4
51	36.0	25.6	38.4
86	70.7	53.3	79.9





#21

trans-1,2-Dichloroethene

Concen: 1.062 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

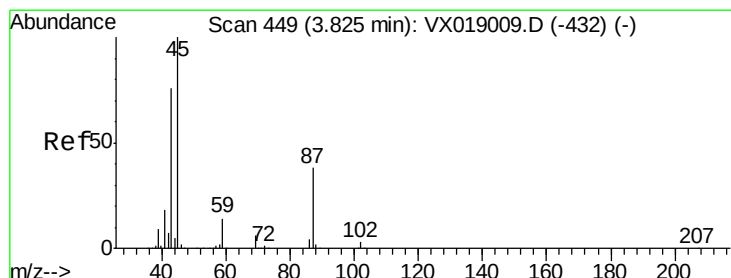
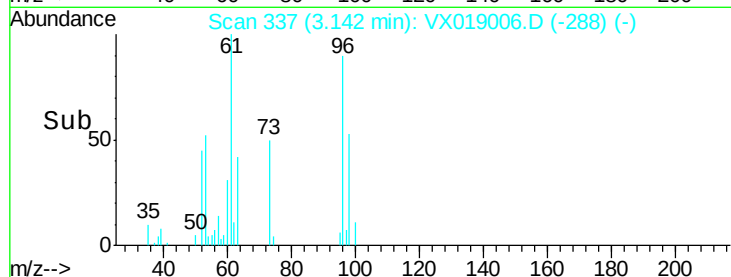
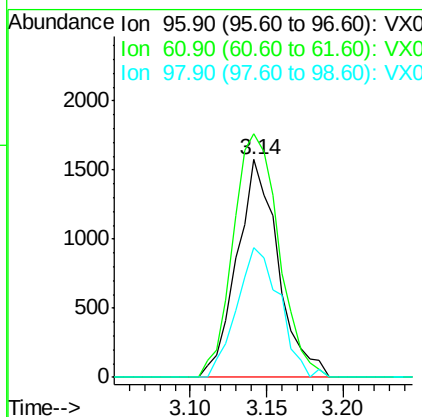
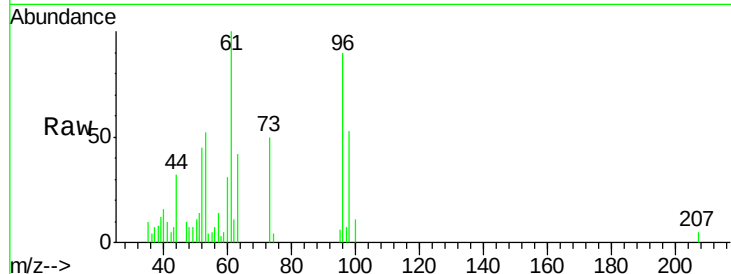
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2958
Ion	Ratio	Lower	Upper
96	100		
61	111.7	97.8	146.6
98	59.3	50.7	76.1

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#22

Diisopropyl ether

Concen: 0.703 ug/l

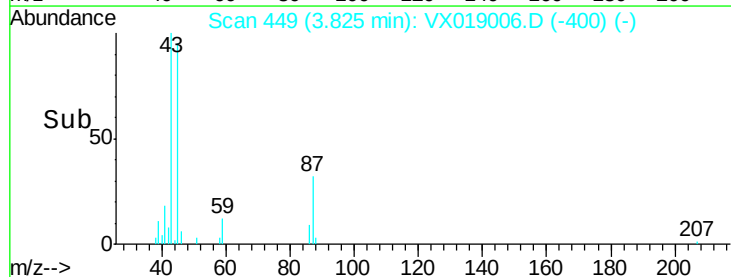
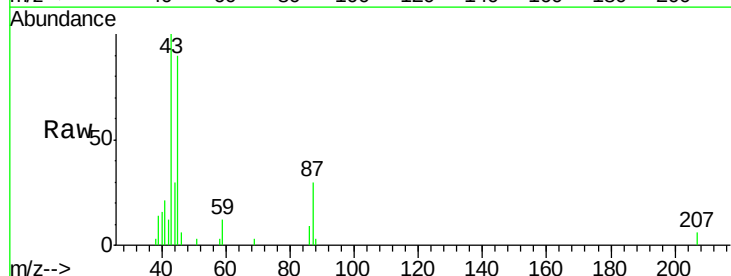
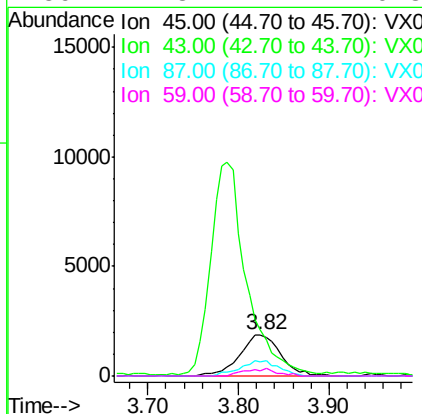
RT: 3.82 min Scan# 449

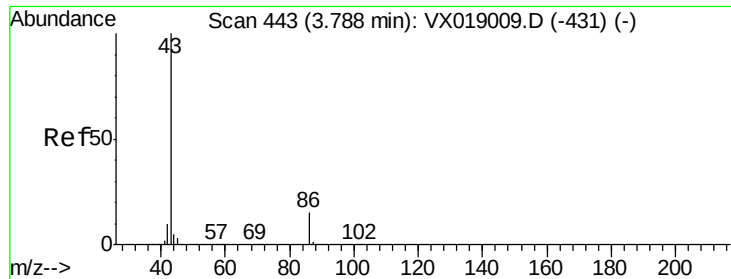
Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Tgt Ion:	45	Resp:	5815
Ion	Ratio	Lower	Upper
45	100		
43	100.1	60.4	90.6#
87	33.6	30.4	45.6
59	12.8	11.2	16.8





#23

Vinyl Acetate

Concen: 3.585 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 26425

Ion Ratio Lower Upper

43 100

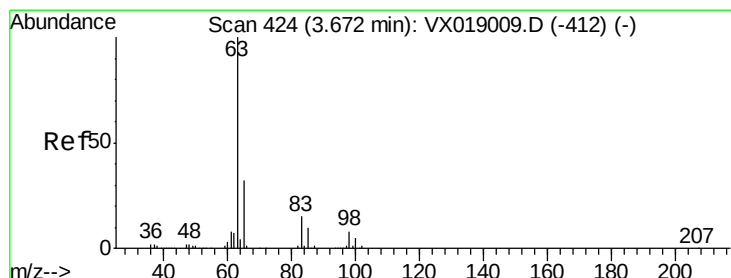
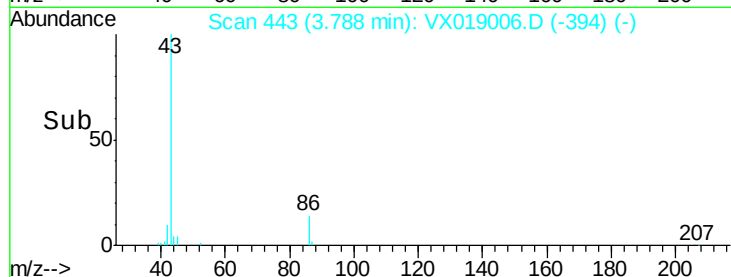
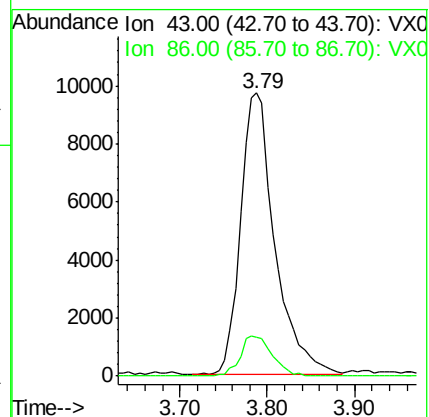
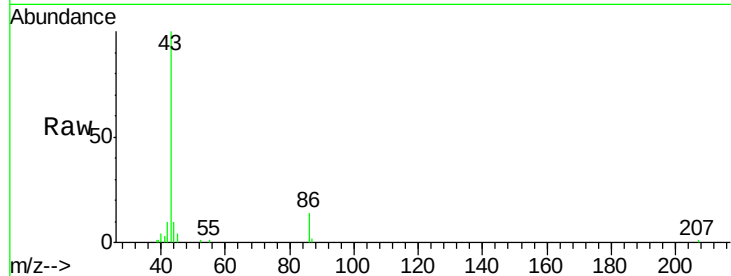
86 13.8 11.7 17.5

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#24

1,1-Dichloroethane

Concen: 0.852 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

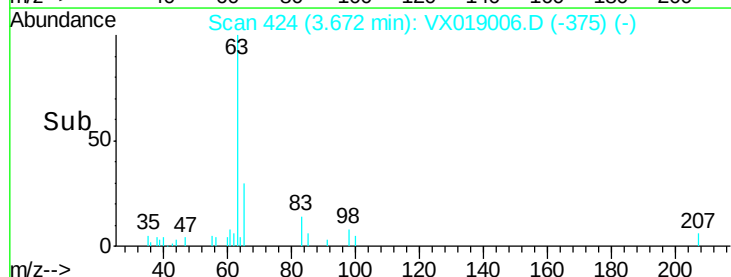
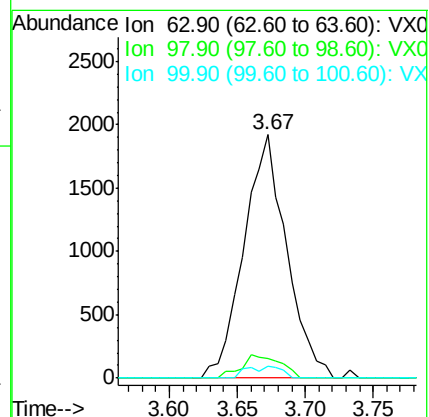
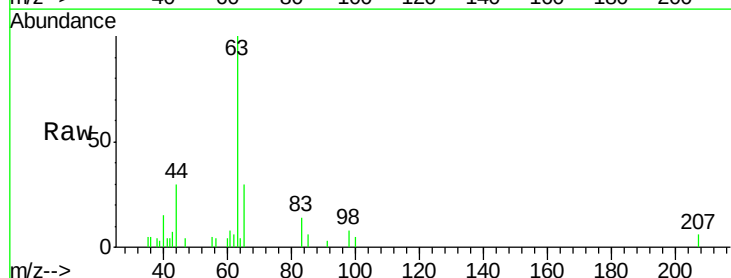
Tgt Ion: 63 Resp: 4218

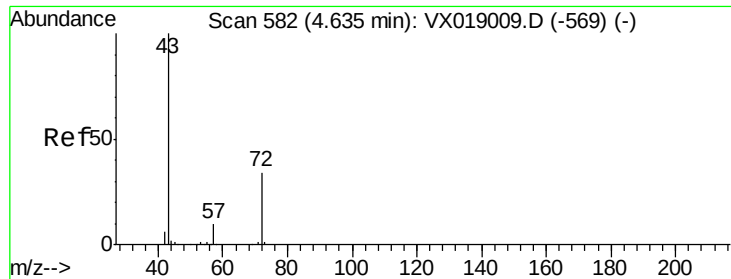
Ion Ratio Lower Upper

63 100

98 8.2 4.0 12.0

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 3.741 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 7477

Ion Ratio Lower Upper

43 100

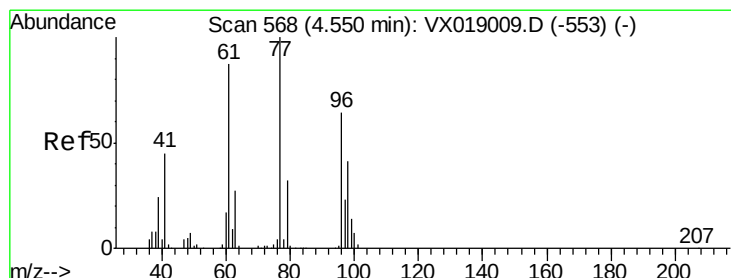
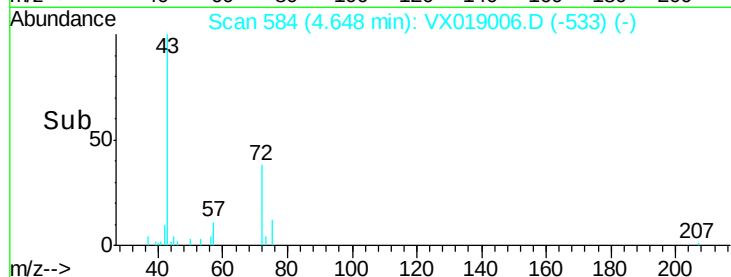
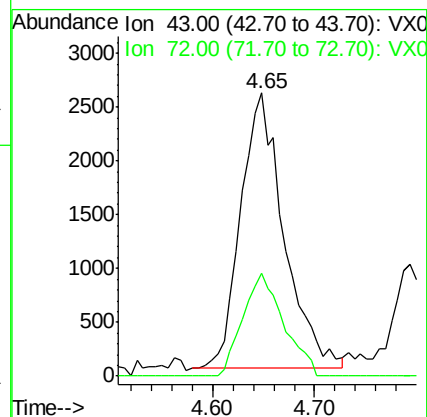
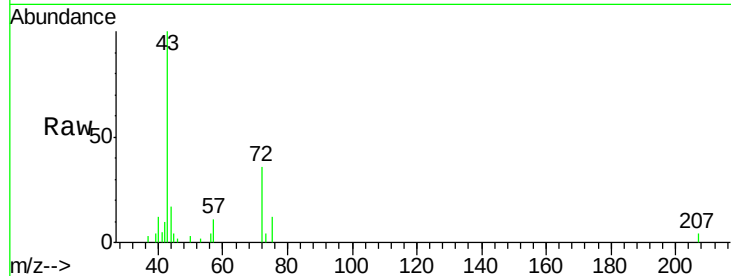
72 37.5 27.8 41.6

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#26

2,2-Dichloropropane

Concen: 0.862 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019006.D

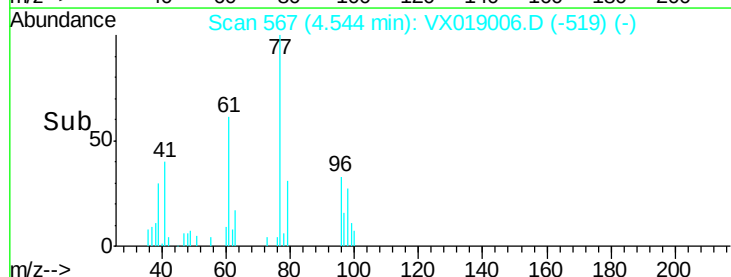
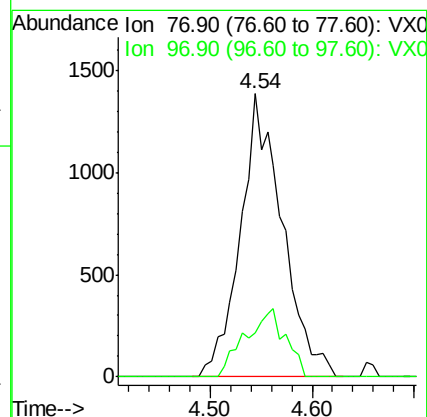
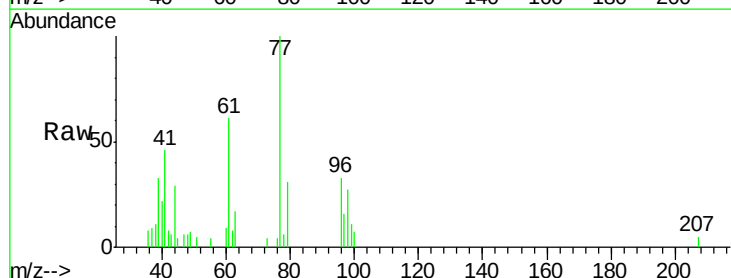
Acq: 21 Oct 2020 18:01

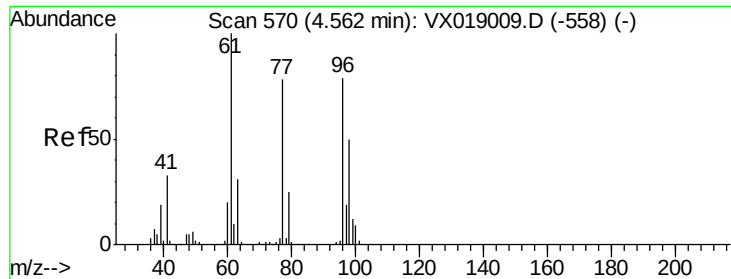
Tgt Ion: 77 Resp: 3950

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.7





#27

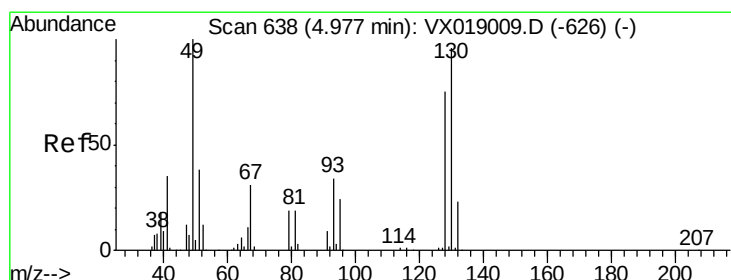
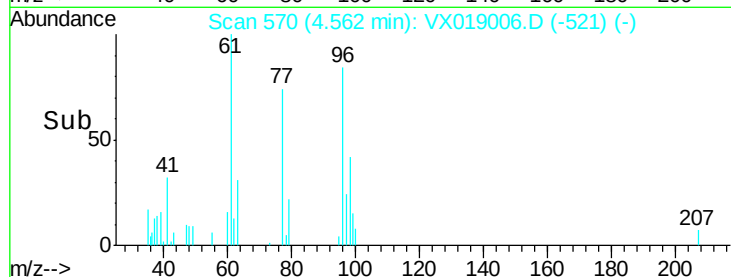
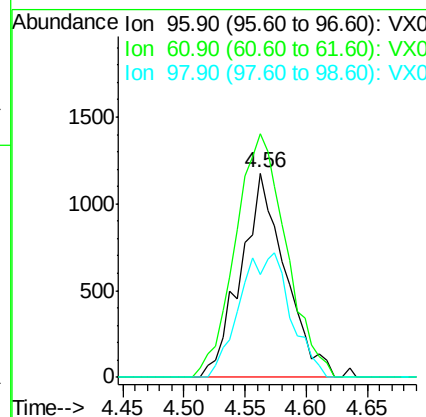
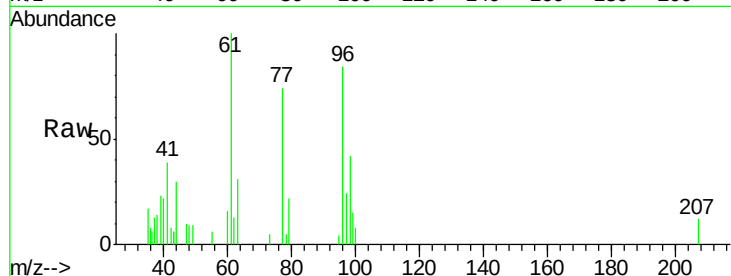
cis-1,2-Dichloroethene
Concen: 0.950 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
96	100	2972		
61	136.5		0.0	260.0
98	69.9		0.0	131.4

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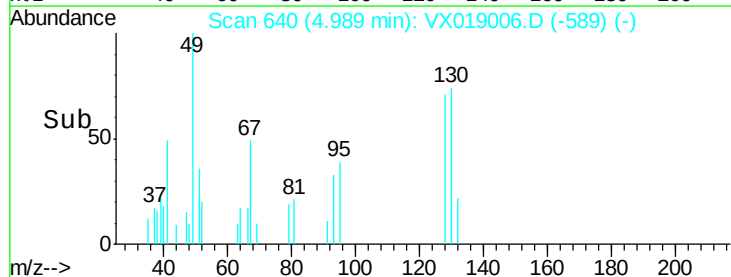
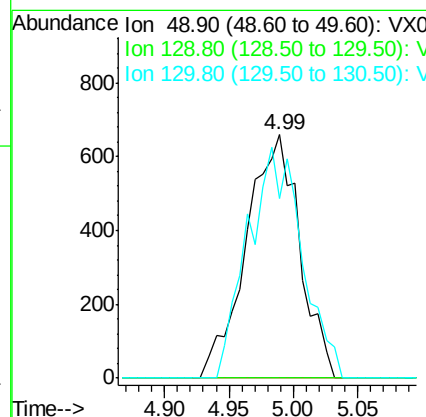
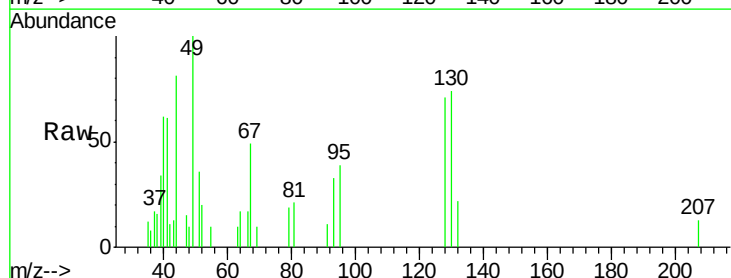
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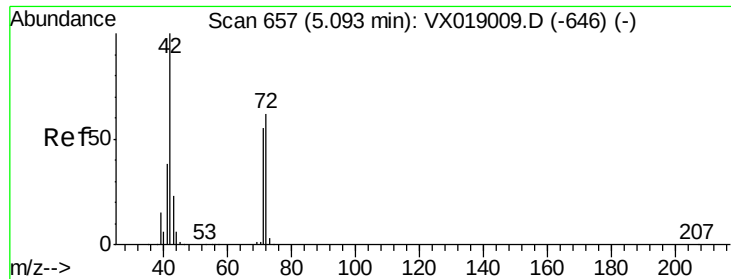


#28

Bromochloromethane
Concen: 0.834 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	1894		
129	0.0		0.0	5.2
130	96.1		79.0	118.6





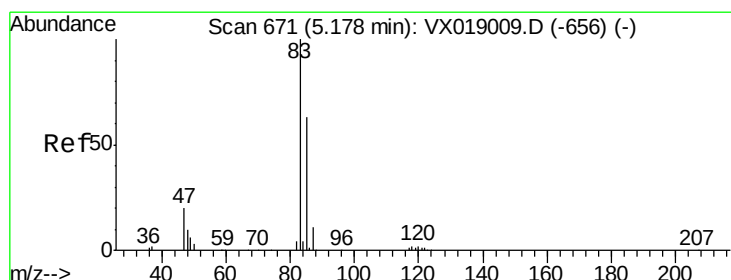
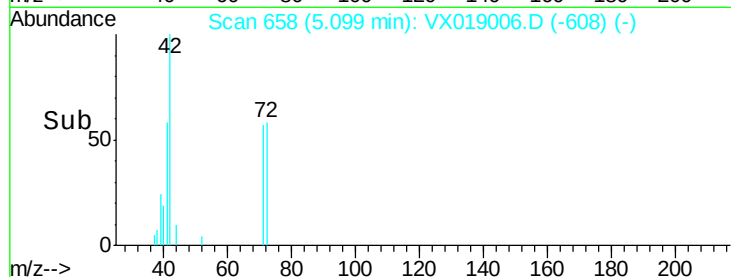
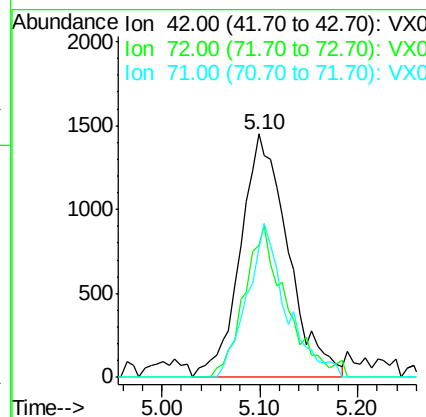
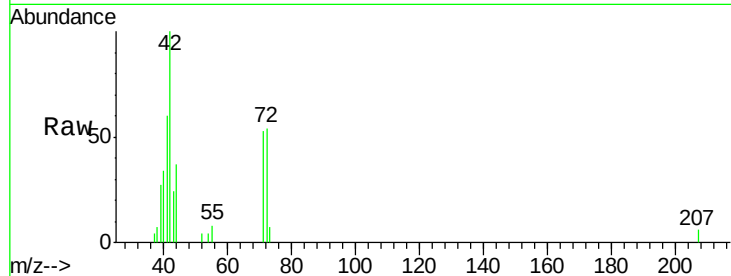
#29
Tetrahydrofuran
Concen: 3.965 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.4	49.1	73.7
71	52.2	44.2	66.4

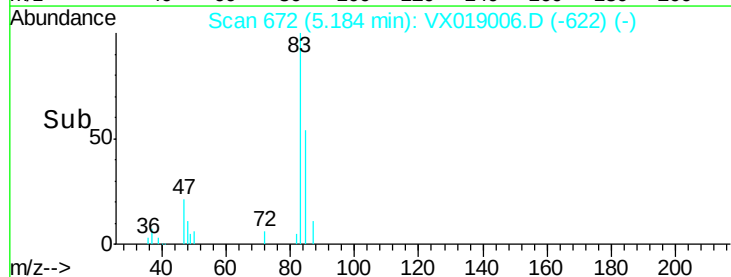
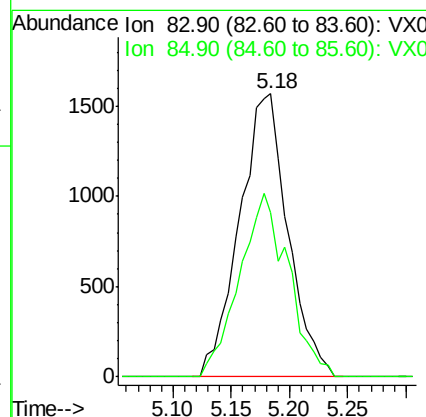
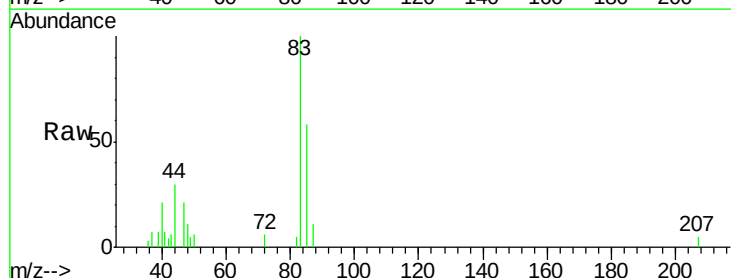
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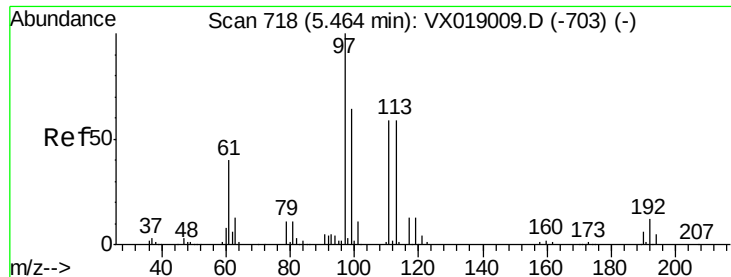
MMDadoda
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#30
Chloroform
Concen: 0.891 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.0	50.5	75.7





#32

1,1,1-Trichloroethane

Concen: 0.847 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

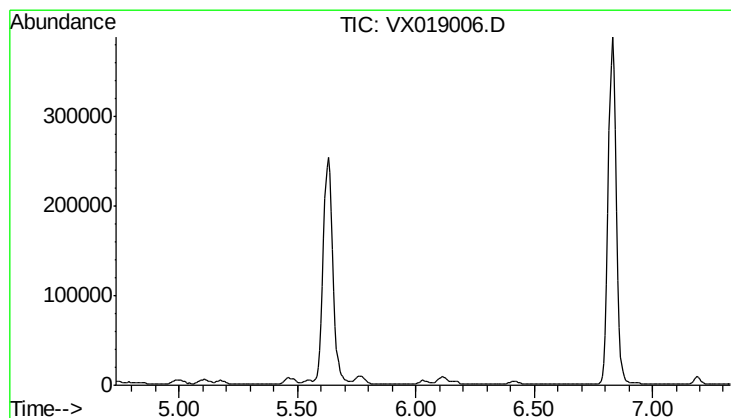
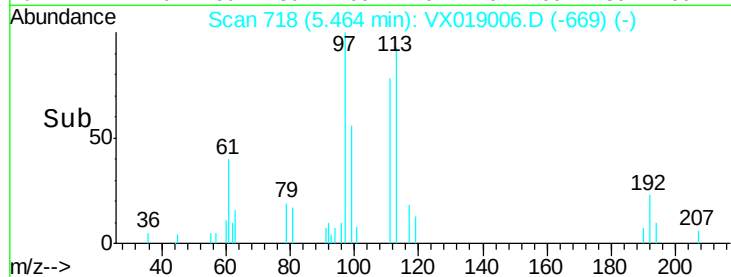
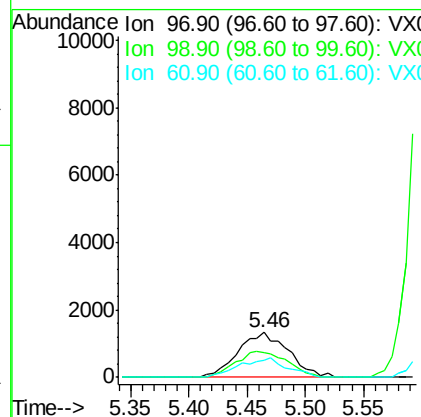
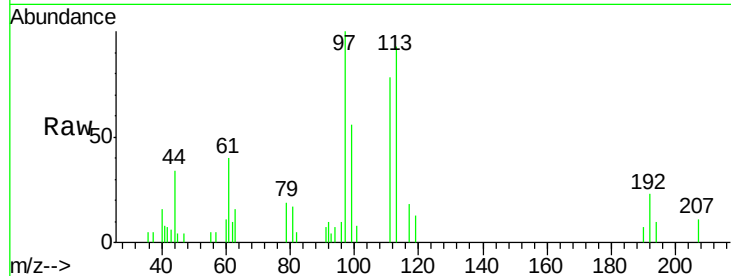
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	4009
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.3	76.9#
61	40.7	31.9	47.9

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX019006.D

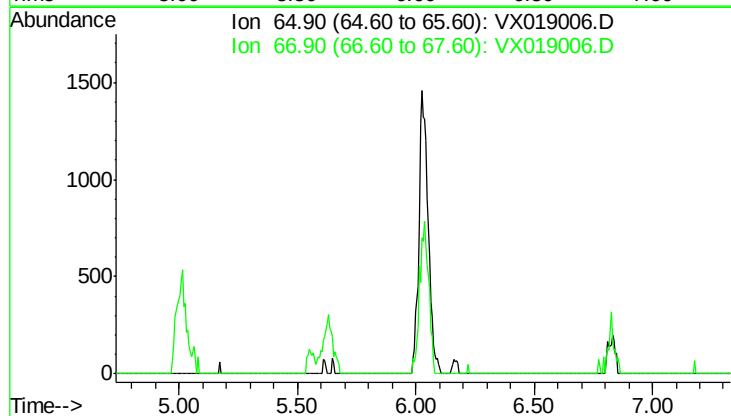
Acq: 21 Oct 2020 18:01

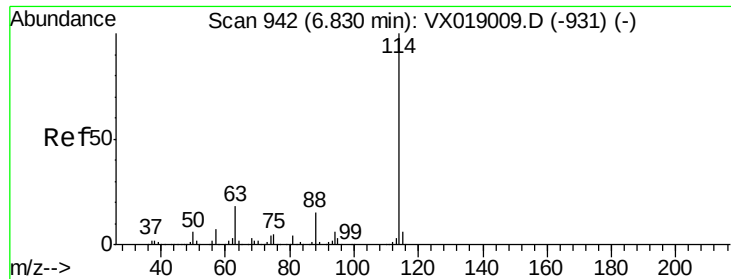
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.5





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

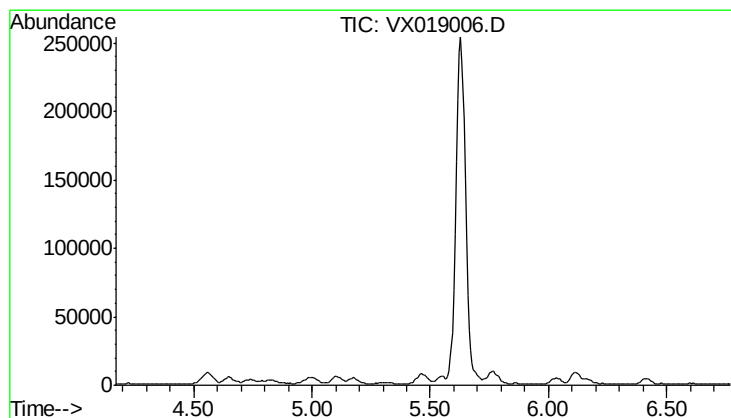
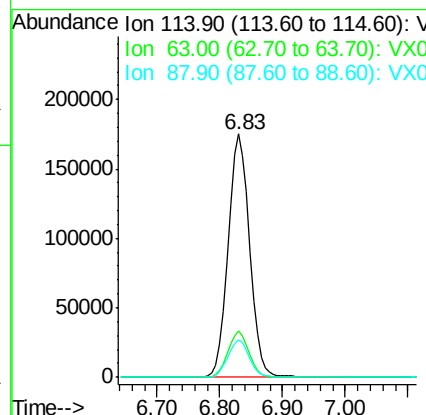
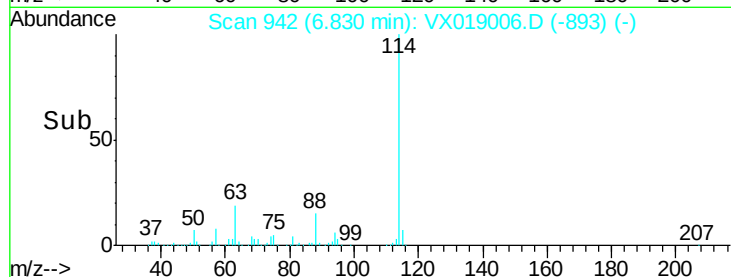
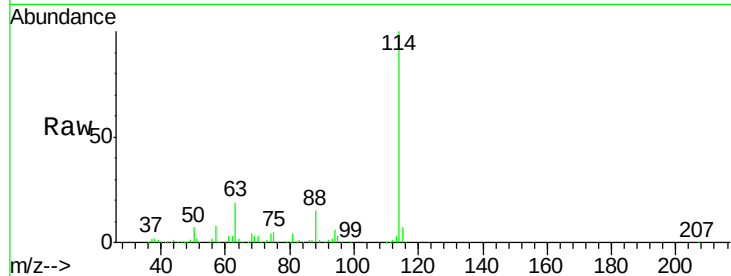
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	413962
Ion Ratio		Lower	Upper
114	100		
63	19.0	0.0	36.8
88	15.2	0.0	30.2

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#35

Dibromofluoromethane

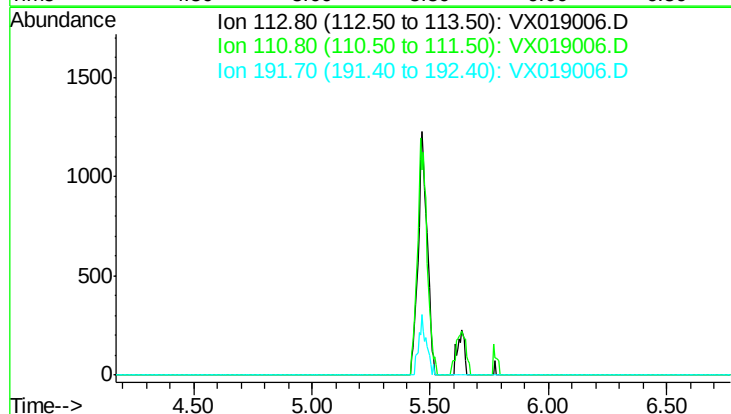
Concen: 0.000 ug/l

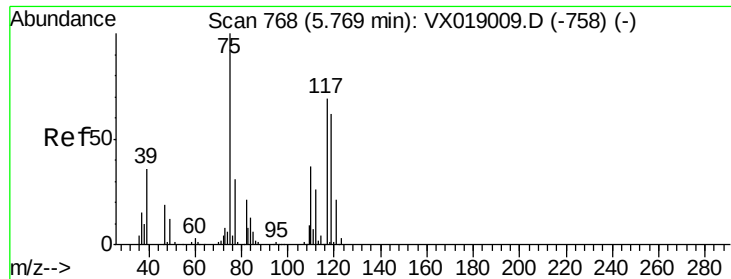
Expected RT: 5.47 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	101.9
192	20.4





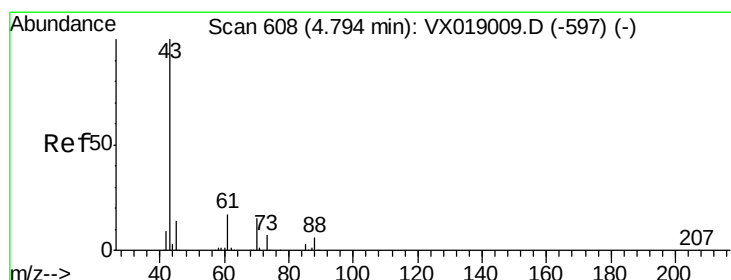
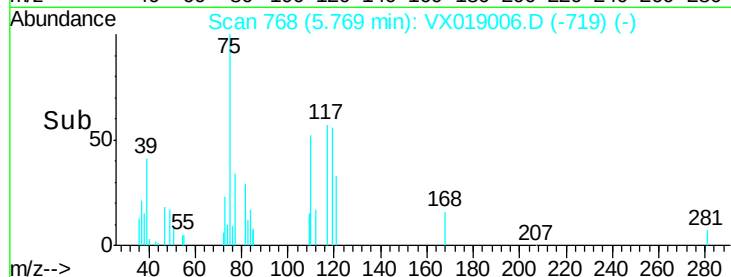
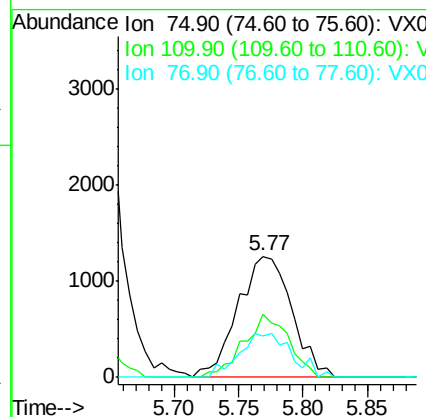
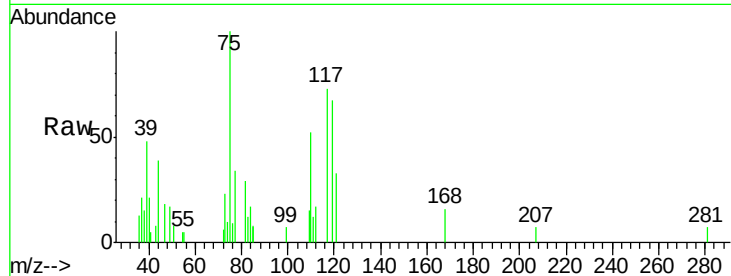
#36
 1,1-Dichloropropene
 Concen: 0.926 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	43.4	19.4	58.2
77	35.0	25.2	37.8

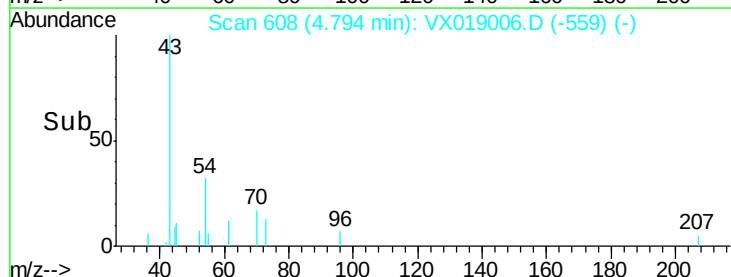
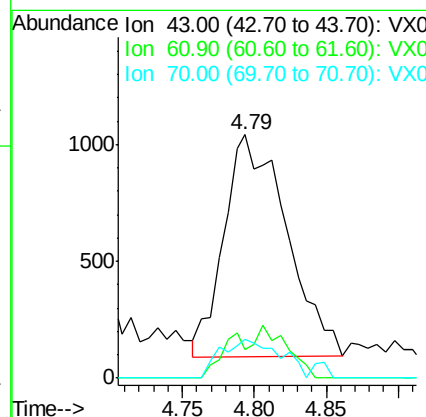
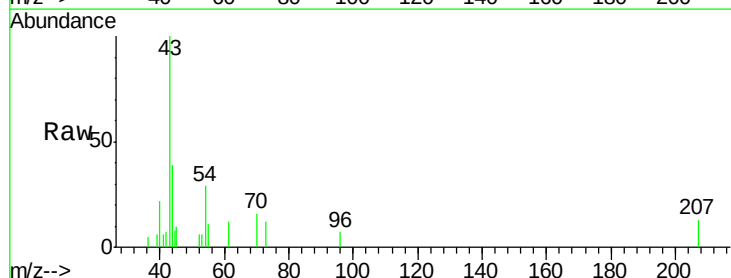
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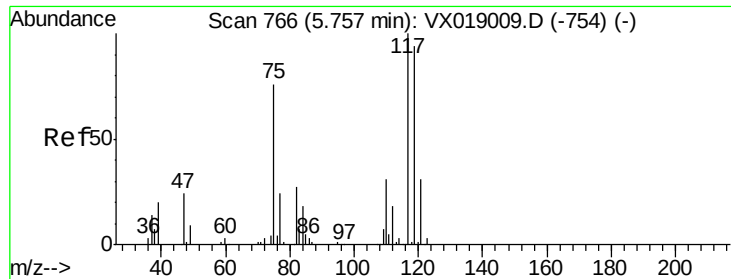
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#37
 Ethyl Acetate
 Concen: 0.703 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	7.8	13.8	20.8#
70	16.4	11.4	17.2





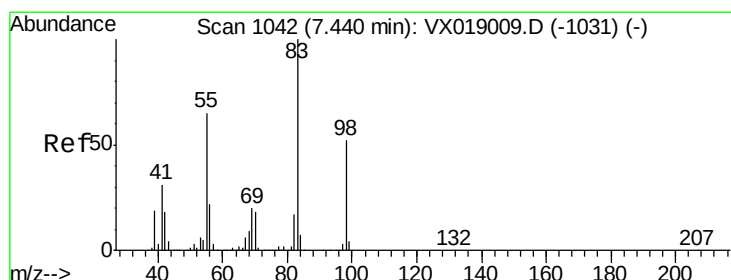
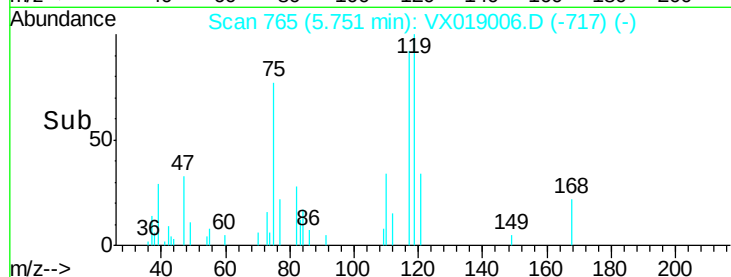
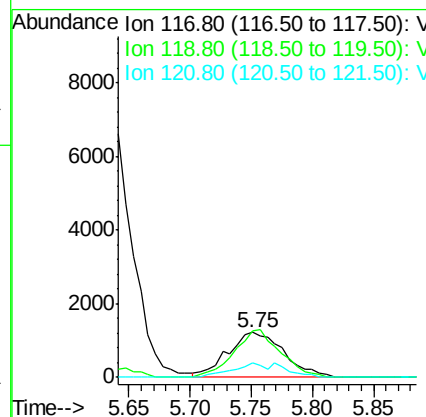
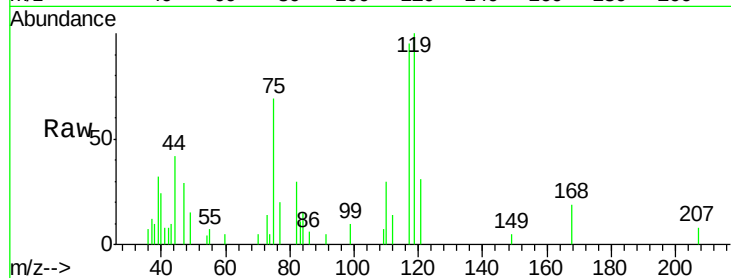
#38
Carbon Tetrachloride
Concen: 0.898 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	105.0	75.4	113.0
121	32.2	25.0	37.6

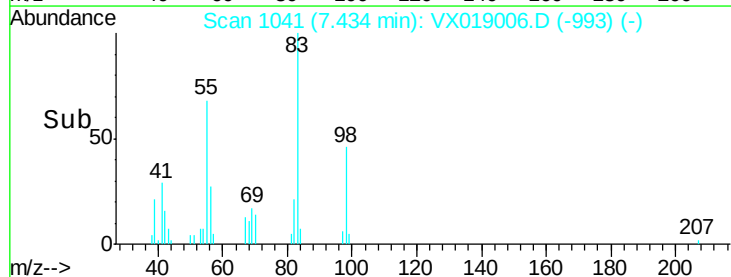
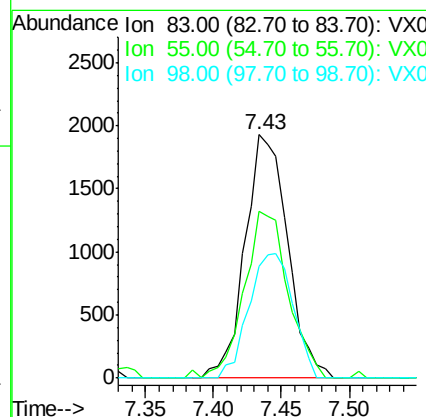
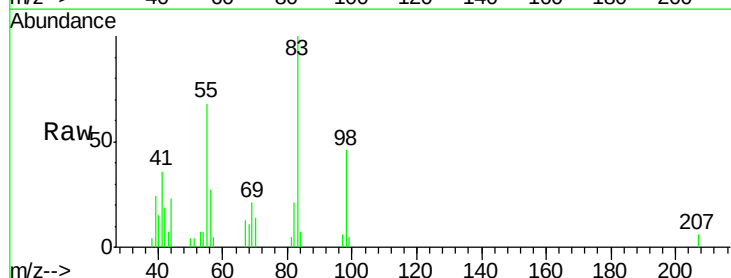
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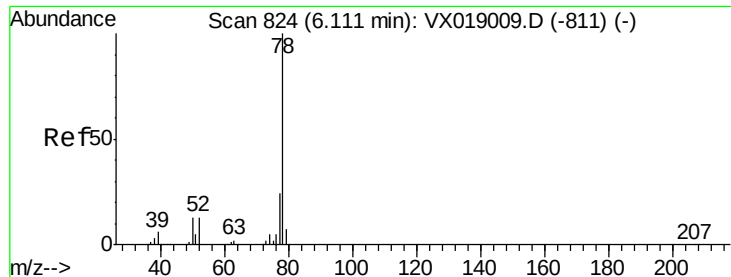
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#39
Methylcyclohexane
Concen: 0.947 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.3	51.8	77.6
98	45.6	41.4	62.2





#40

Benzene

Concen: 0.908 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 10385

Ion Ratio Lower Upper

78 100

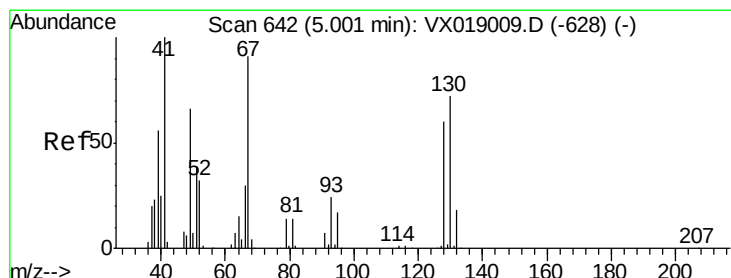
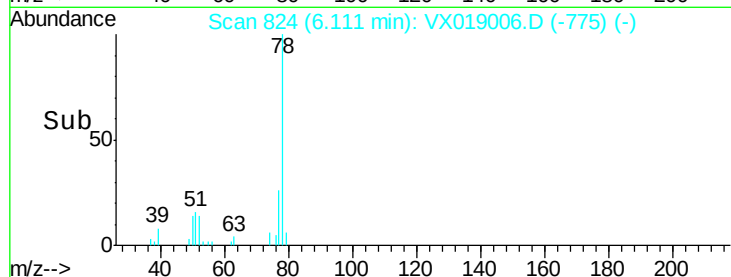
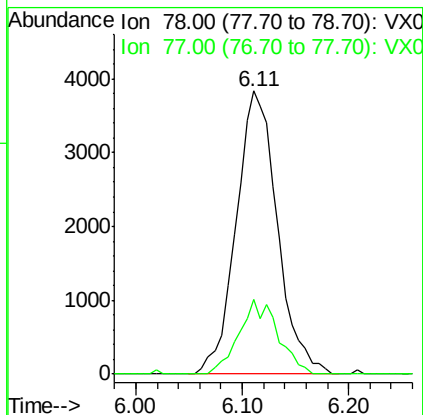
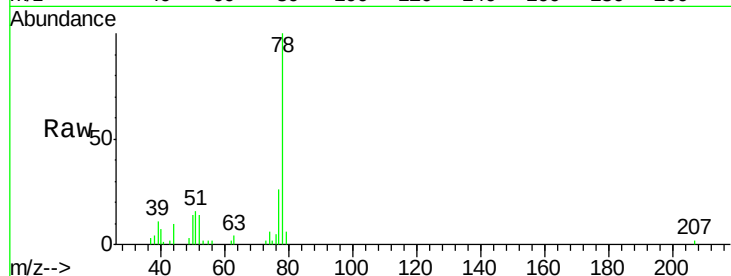
77 26.2 19.3 28.9

Manual Integrations

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#41

Methacrylonitrile

Concen: 0.691 ug/l

RT: 5.02 min Scan# 645

Delta R.T. 0.02 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Tgt Ion: 41 Resp: 1568

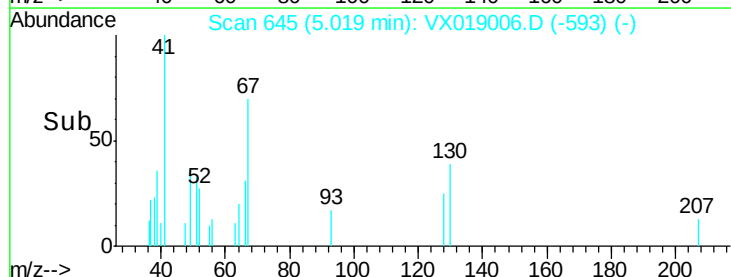
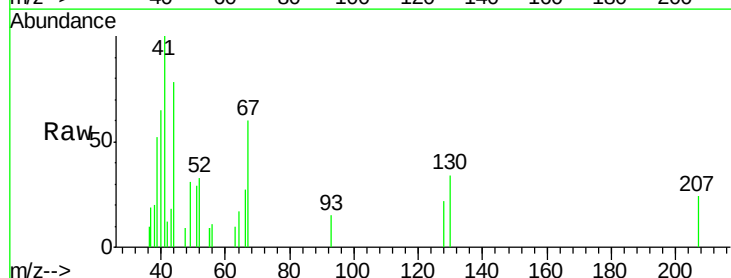
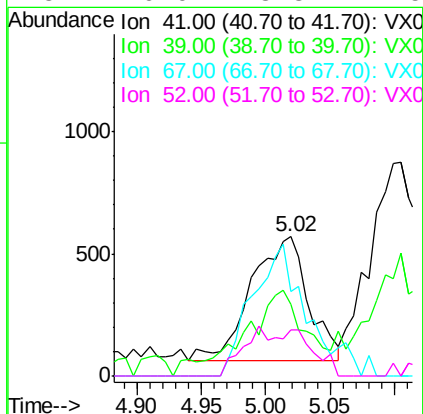
Ion Ratio Lower Upper

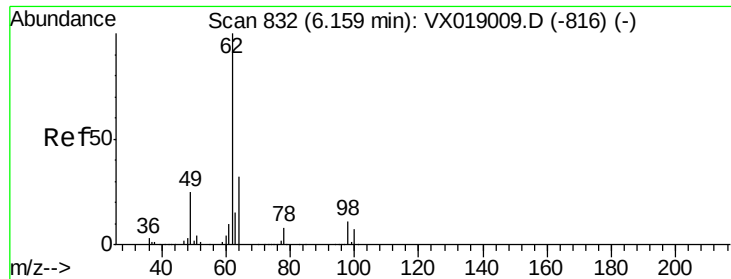
41 100

39 59.2 44.6 67.0

67 93.3 76.1 114.1

52 0.0 28.3 42.5#





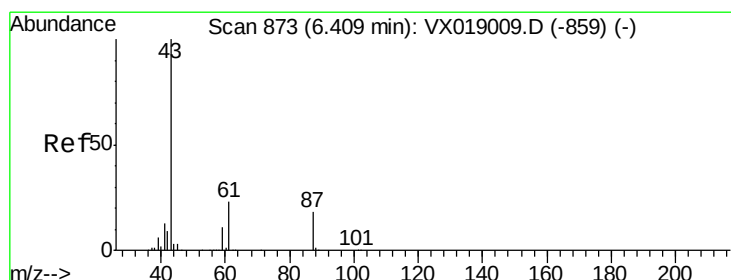
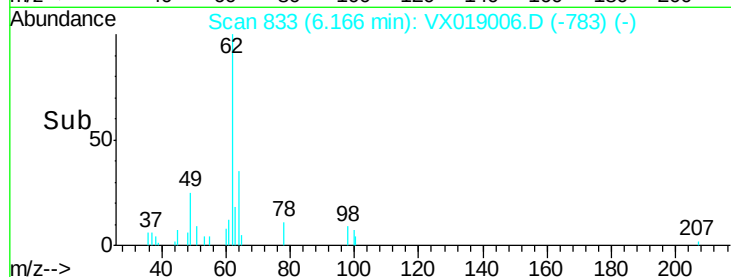
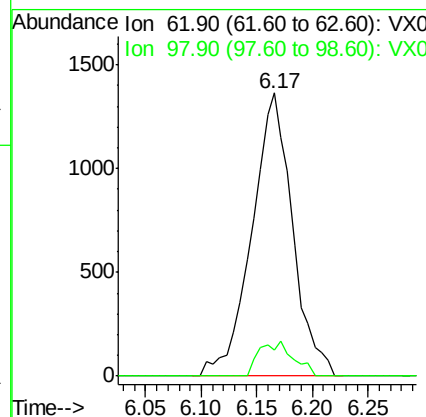
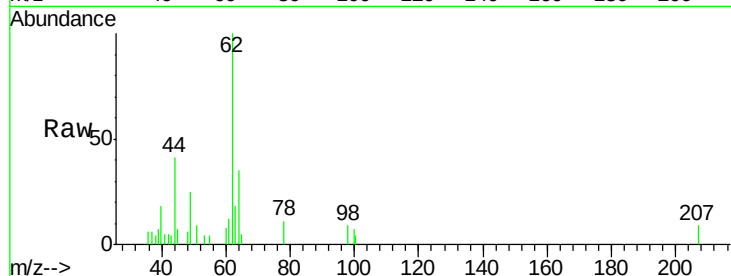
#42
 1,2-Dichloroethane
 Concen: 0.796 ug/l
 RT: 6.17 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	3478		
98	10.2	0.0	20.8	

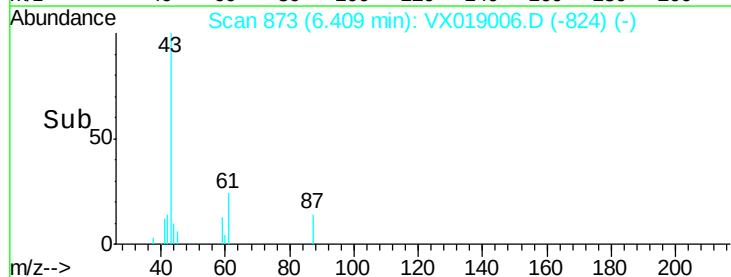
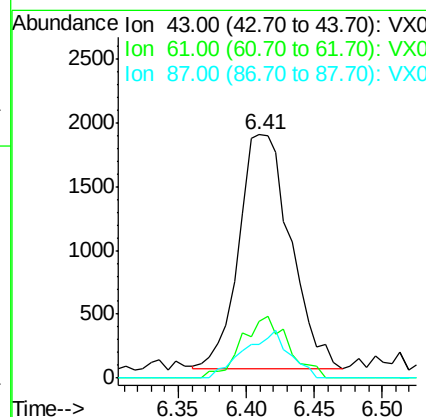
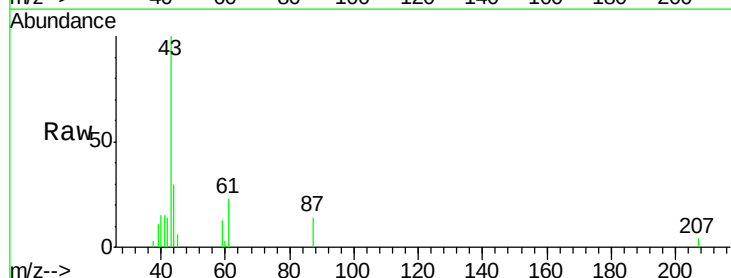
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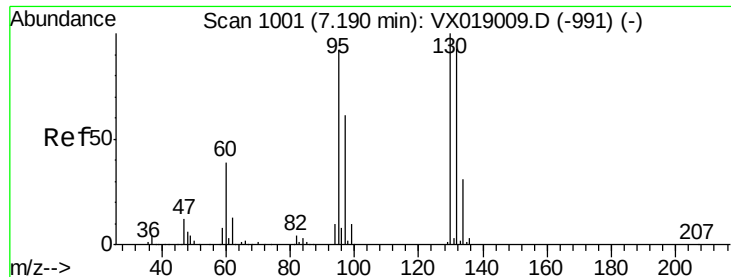
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#43
 Isopropyl Acetate
 Concen: 0.710 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	4845		
61	23.9	18.7	28.1	
87	17.8	14.2	21.4	





#44

Trichloroethene

Concen: 0.937 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3104

Ion Ratio Lower Upper

130 100

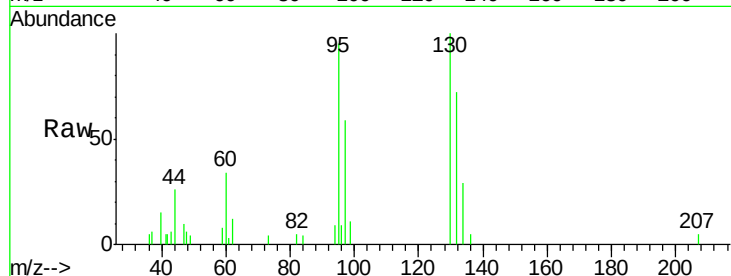
95 95.0 0.0 184.2

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

2000

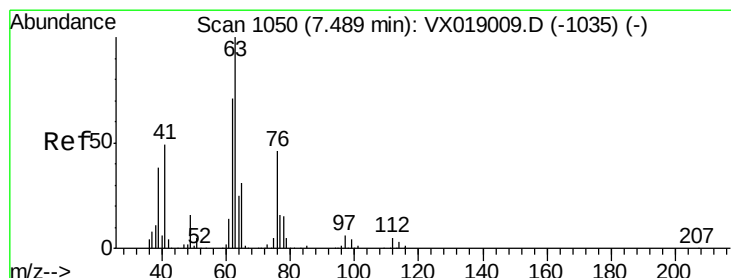
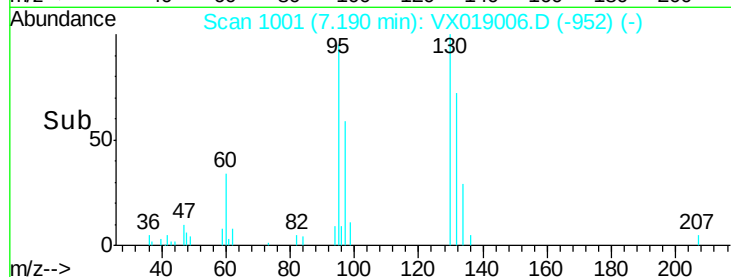
1500

1000

500

0

Time--> 7.10 7.15 7.20 7.25



#45

1,2-Dichloropropane

Concen: 0.804 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX019006.D

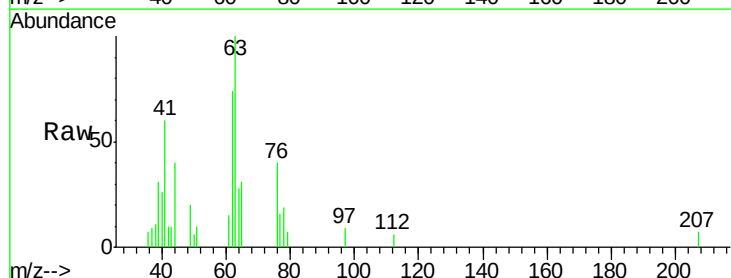
Acq: 21 Oct 2020 18:01

Tgt Ion: 63 Resp: 2481

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

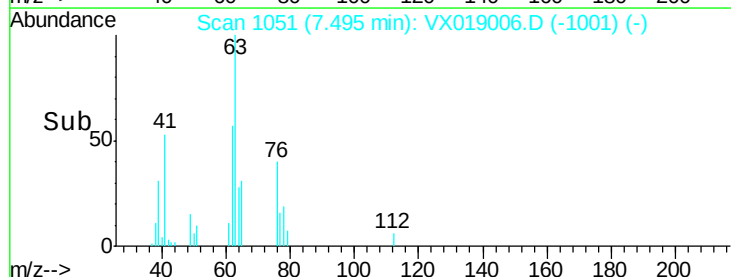
Ion 64.90 (64.60 to 65.60): VX0

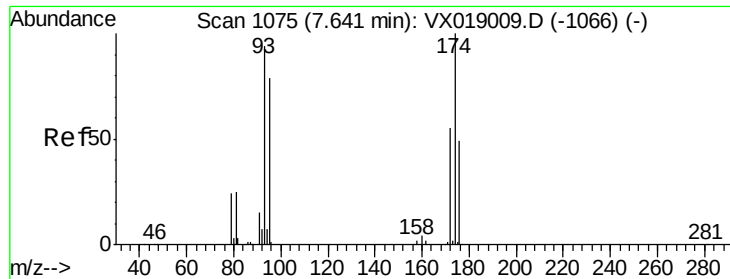
1000

500

0

Time--> 7.40 7.45 7.50 7.55





#46

Dibromomethane

Concen: 0.924 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

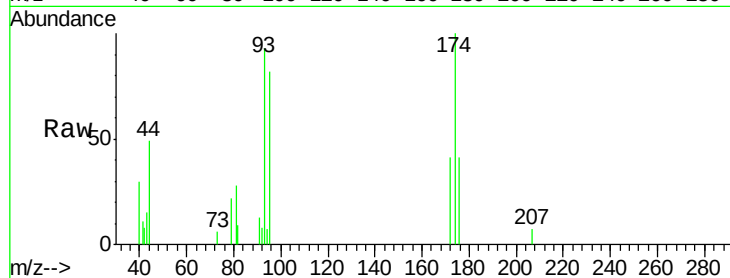
ClientSampleId :

VSTDIC001

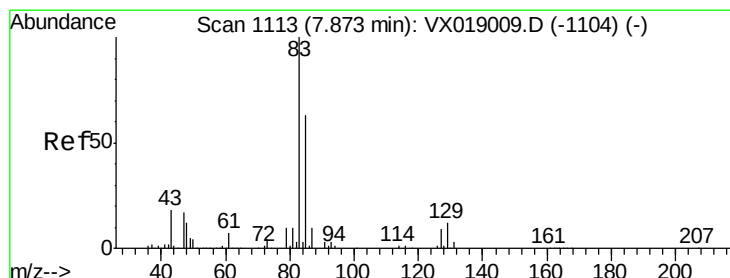
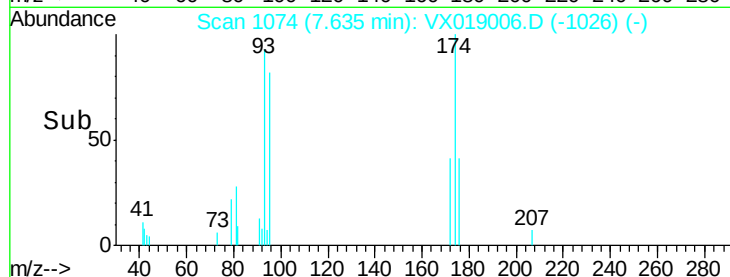
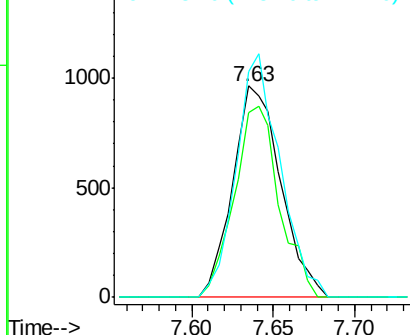
Tot Ion:	93	Resp:	1978
Ion	Ratio	Lower	Upper
93	100		
95	85.1	66.8	100.2
174	104.9	83.8	125.8

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Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 0.818 ug/l

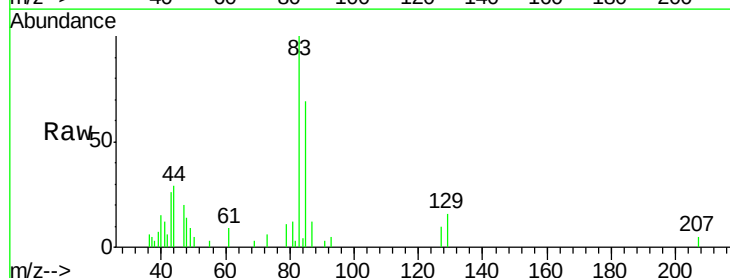
RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

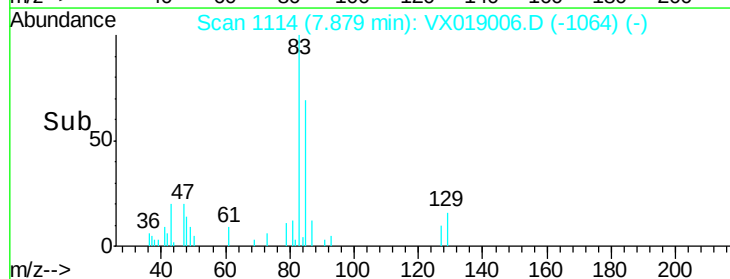
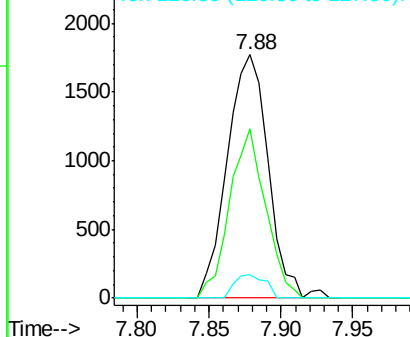
Lab File: VX019006.D

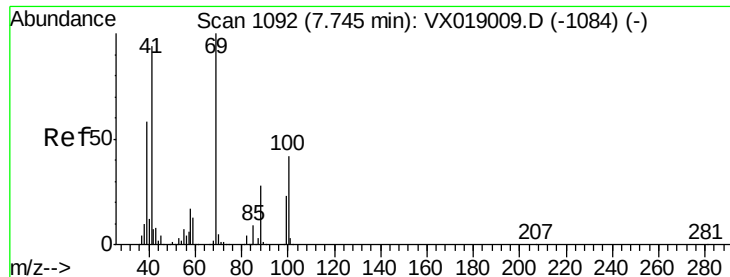
Acq: 21 Oct 2020 18:01

Tgt Ion:	83	Resp:	3524
Ion	Ratio	Lower	Upper
83	100		
85	69.4	50.7	76.1
127	9.5	6.8	10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V





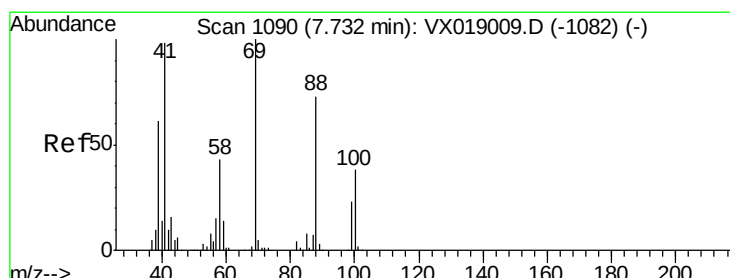
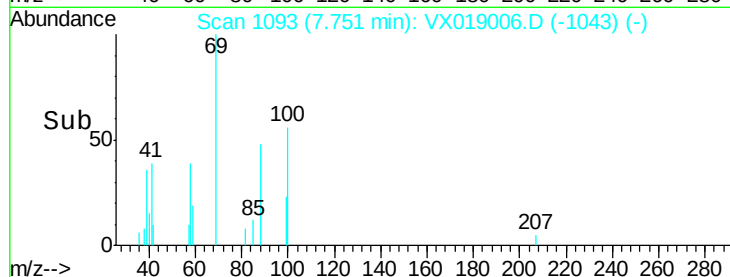
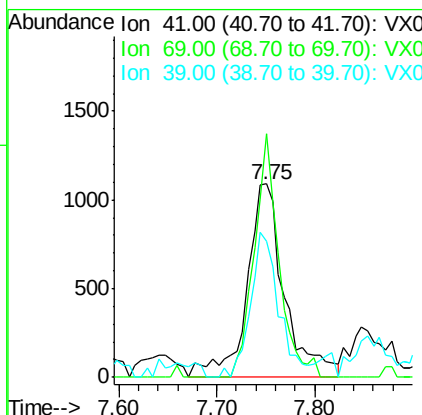
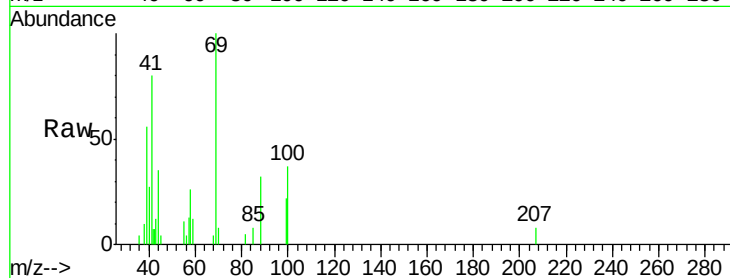
#48
Methvl methacrylate
Concen: 0.884 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	82.9	85.5	128.3#
39	56.5	49.3	73.9

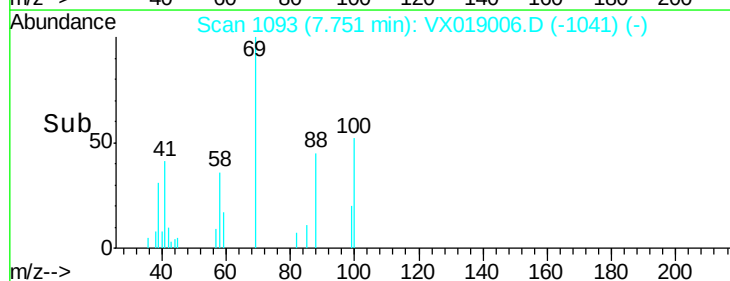
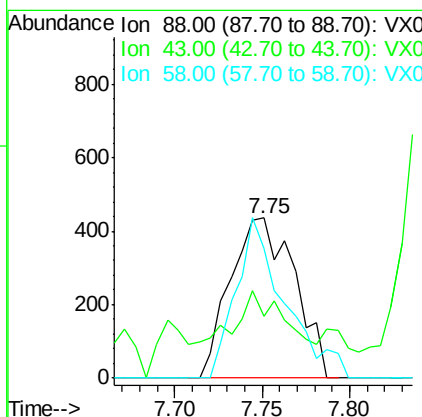
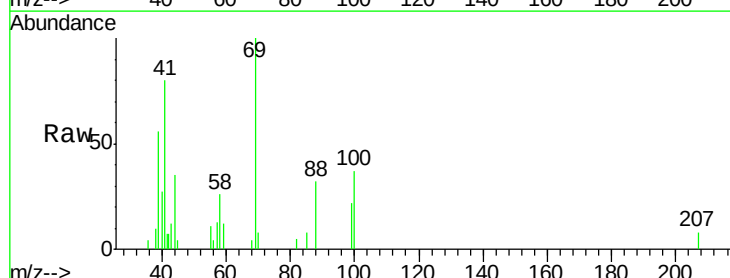
Manual Integrations
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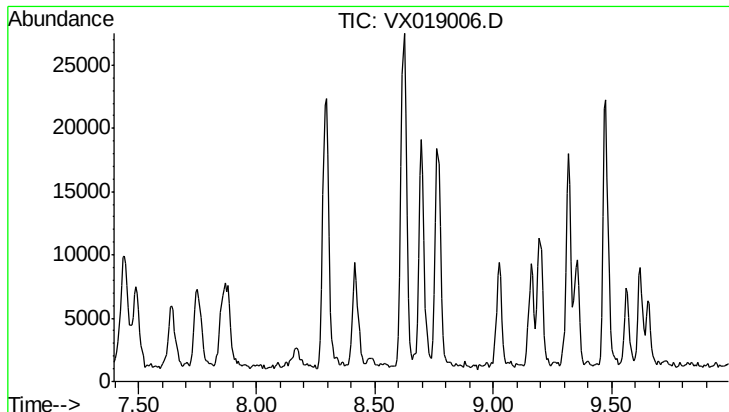
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#49
1,4-Dioxane
Concen: 19.209 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.02 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	26.4	20.3	30.5
58	76.0	48.4	72.6#





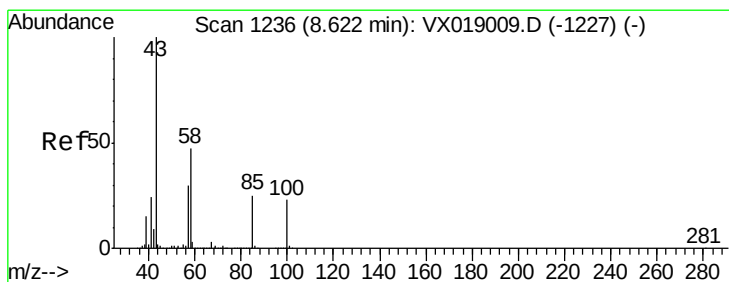
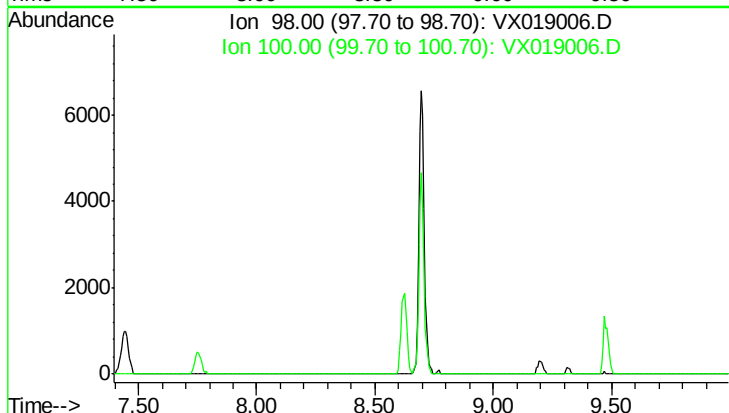
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.1

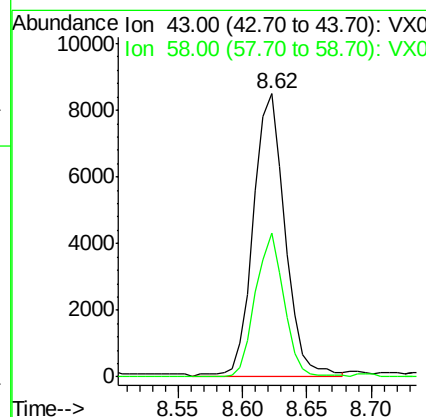
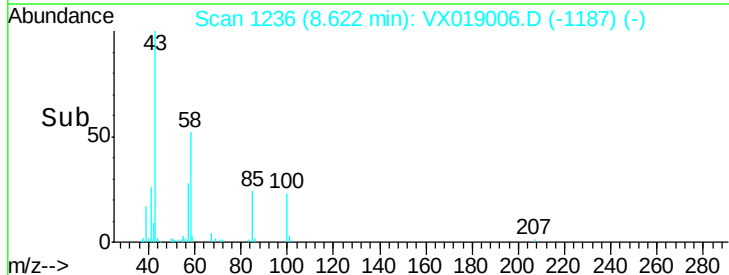
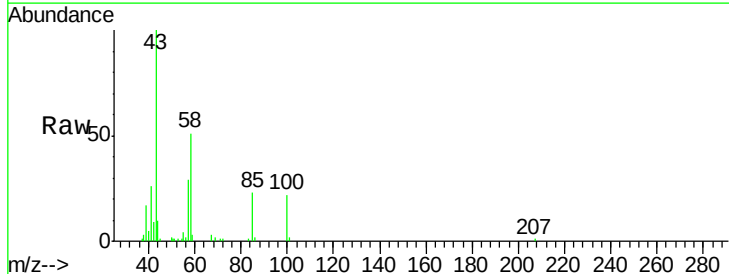
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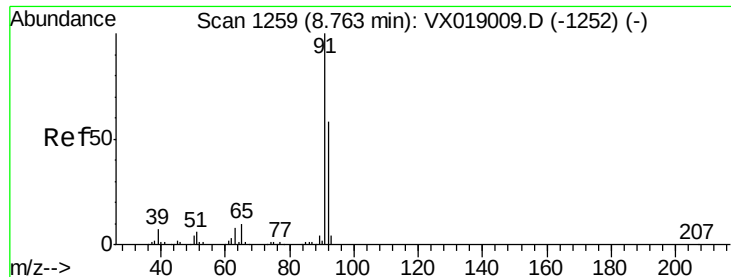
MMDadoda
10/22/2020 1:21:43 PM



#51
4-Methyl-2-Pentanone
Concen: 3.574 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion: 43 Resp: 14494
Ion Ratio Lower Upper
43 100
58 45.4 37.4 56.0





#52

Toluene

Concen: 0.901 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 6550

Ion Ratio Lower Upper

92 100

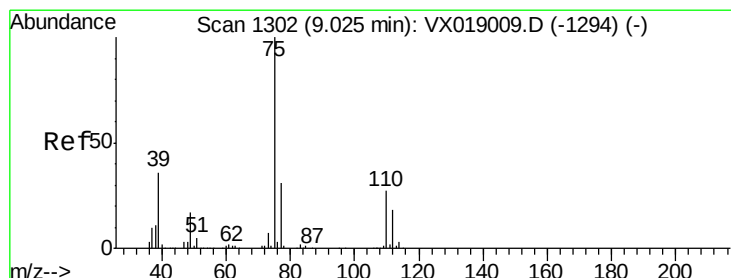
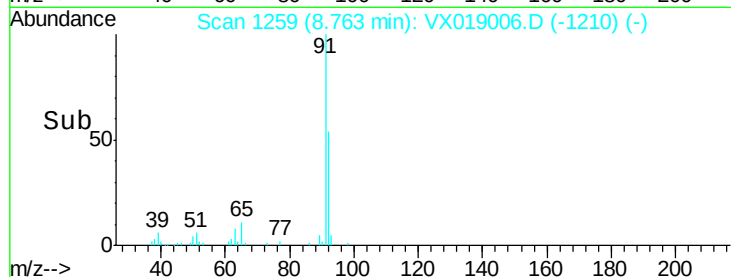
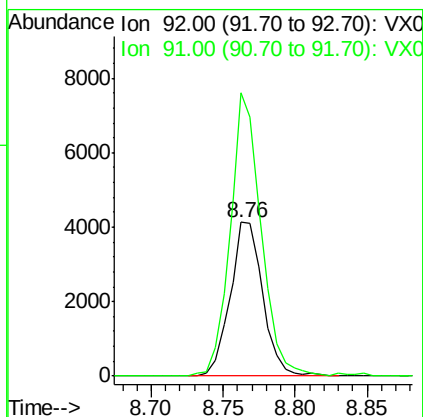
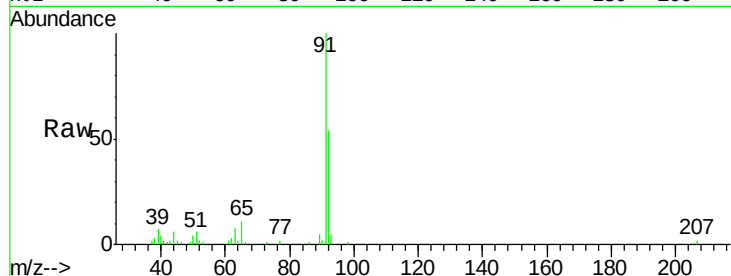
91 173.6 138.6 208.0

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#53

t-1,3-Dichloropropene

Concen: 0.845 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019006.D

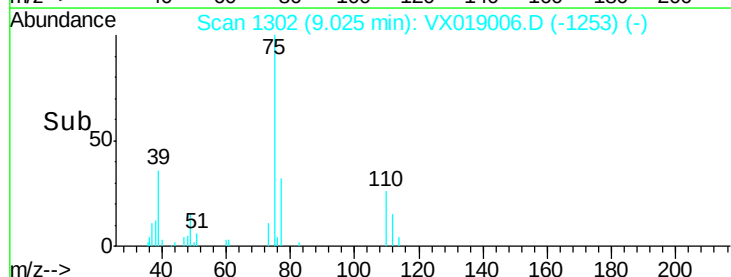
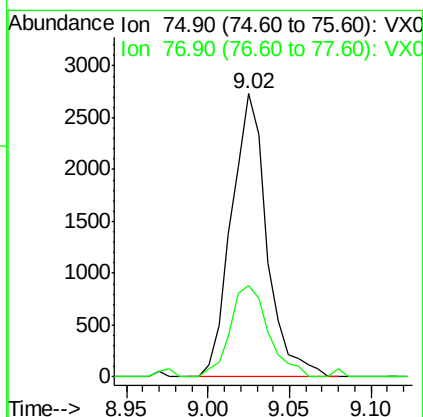
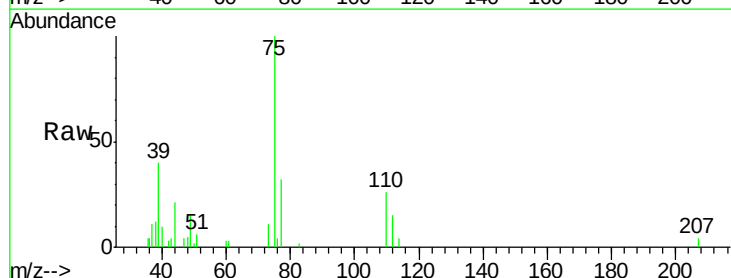
Acq: 21 Oct 2020 18:01

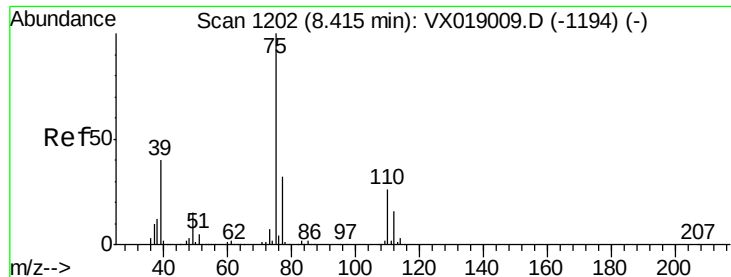
Tgt Ion: 75 Resp: 4135

Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7





#54

cis-1,3-Dichloropropene

Concen: 0.836 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

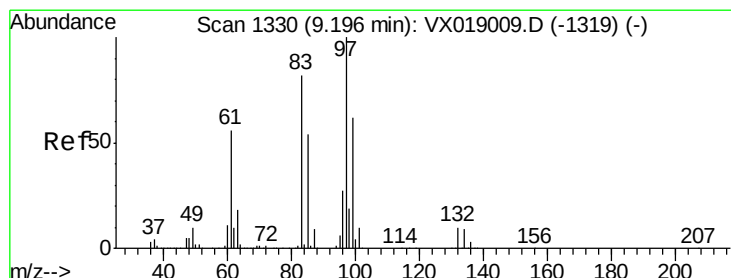
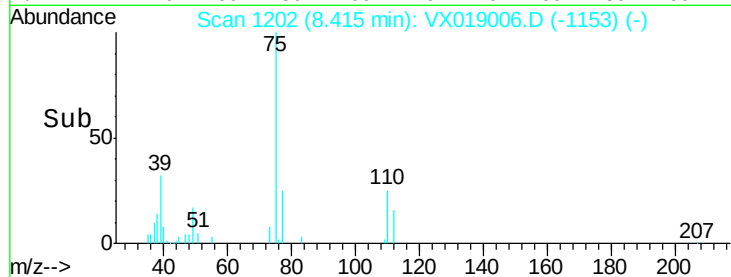
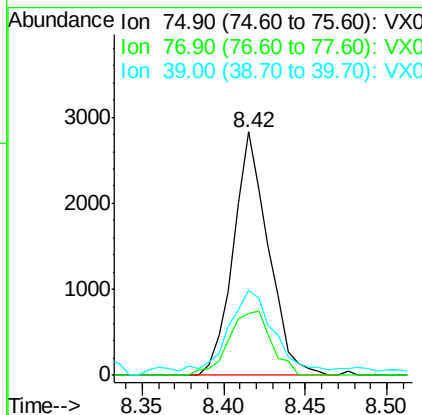
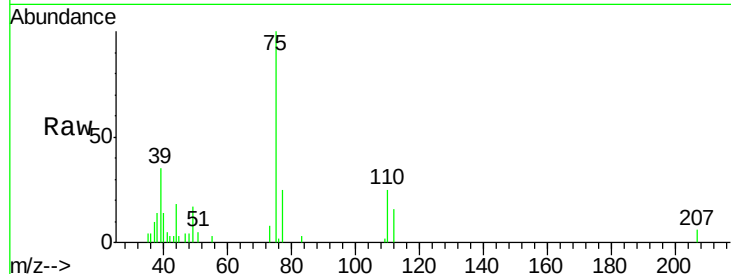
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	4221
Ion	Ratio	Lower	Upper
75	100		
77	25.4	25.9	38.9#
39	32.0	31.7	47.5

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#55

1,1,2-Trichloroethane

Concen: 0.904 ug/l

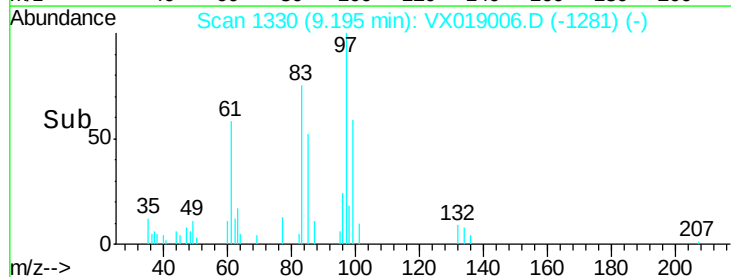
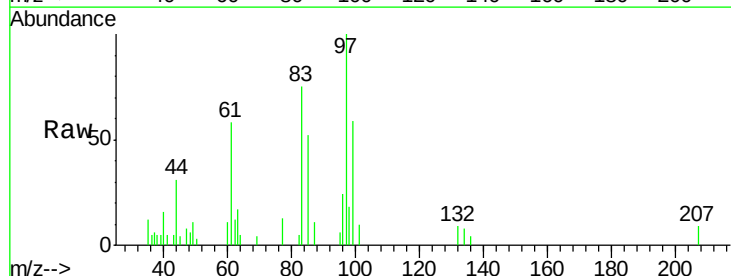
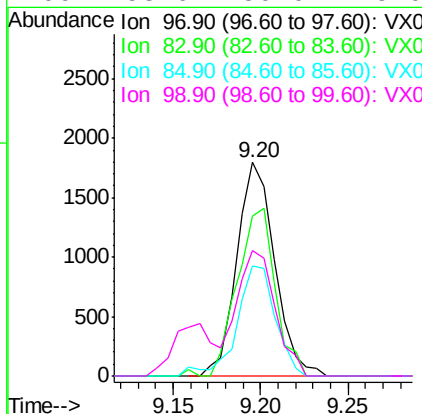
RT: 9.20 min Scan# 1330

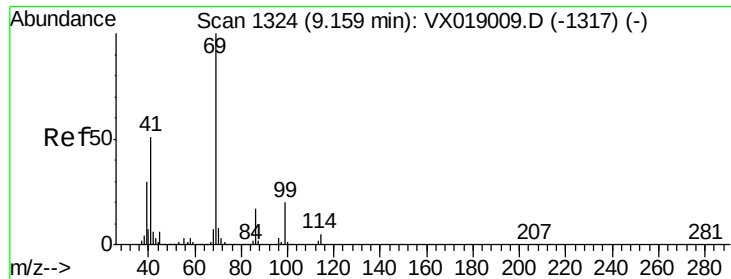
Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Tgt Ion:	97	Resp:	2711
Ion	Ratio	Lower	Upper
97	100		
83	74.7	65.4	98.2
85	51.8	43.3	64.9
99	58.6	50.0	75.0





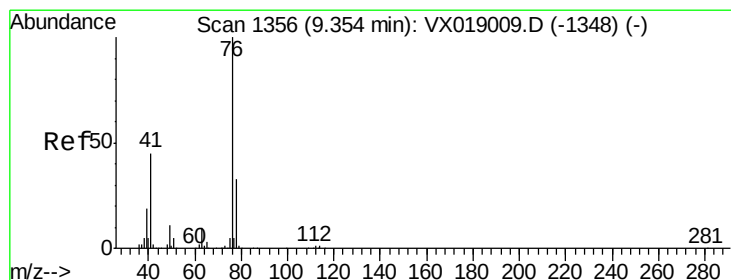
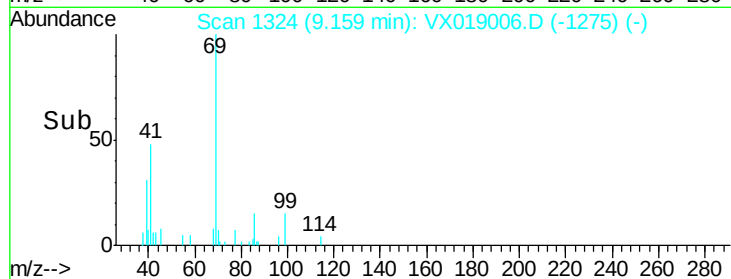
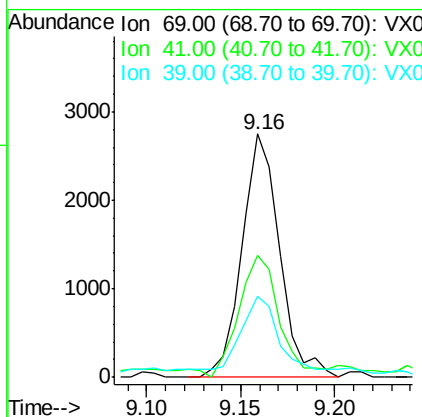
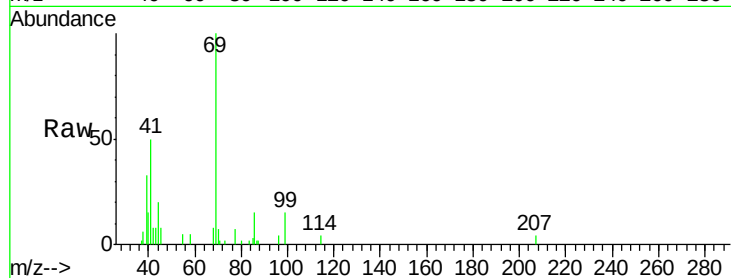
#56
Ethyl methacrylate
Concen: 0.861 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	69	Resp:	3798
Ion	Ratio	Lower	Upper
69	100		
41	54.2	41.1	61.7
39	27.5	24.6	37.0

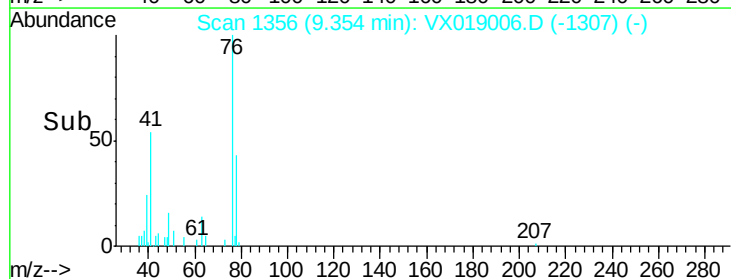
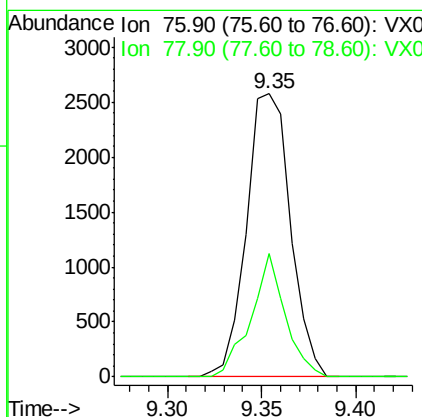
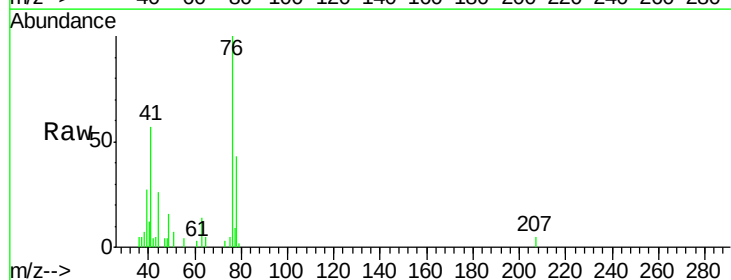
Manual Integrations
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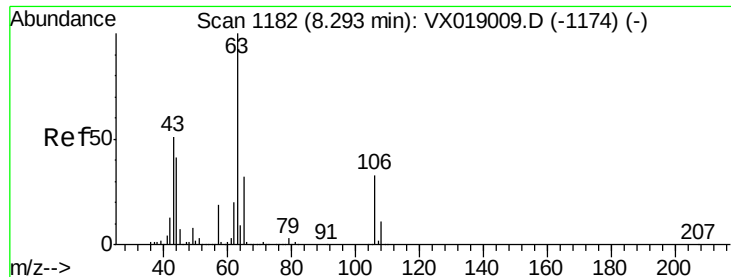
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#57
1,3-Dichloropropane
Concen: 0.832 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion:	76	Resp:	4164
Ion	Ratio	Lower	Upper
76	100		
78	33.8	26.2	39.4





#58

2-Chloroethyl Vinyl ether

Concen: 4.113 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 9602

Ion Ratio Lower Upper

63 100

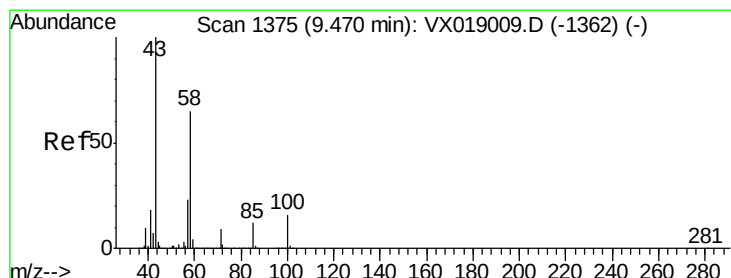
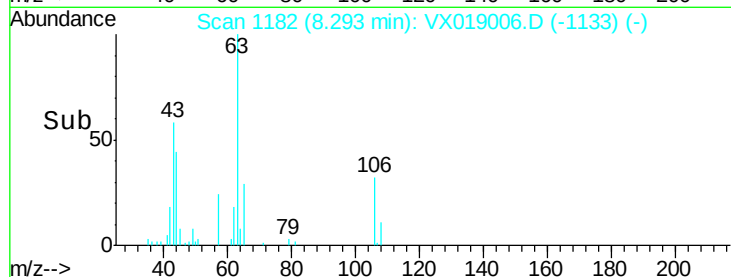
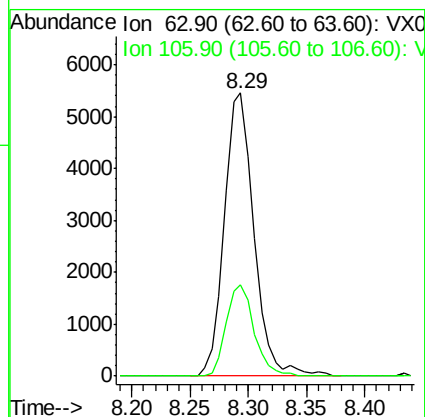
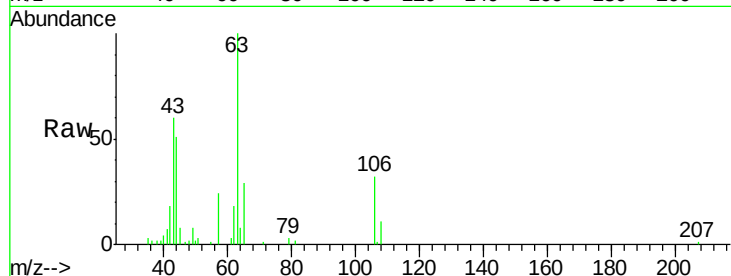
106 30.5 26.0 39.0

Manual Integrations

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#59

2-Hexanone

Concen: 3.437 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.00 min

Lab File: VX019006.D

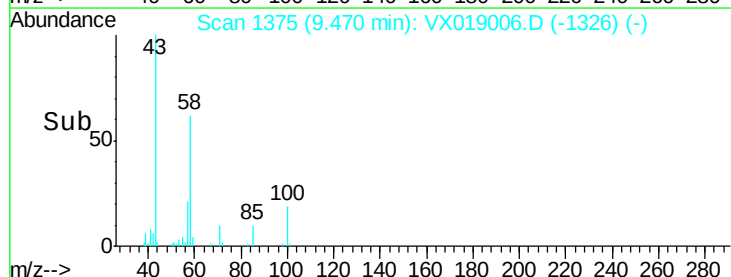
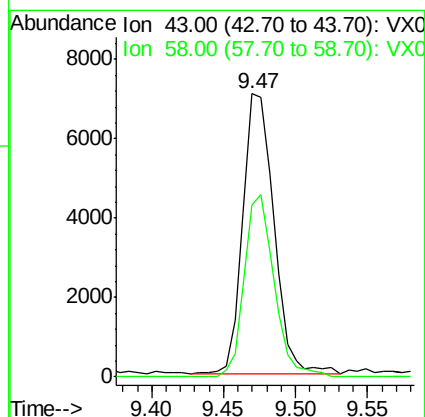
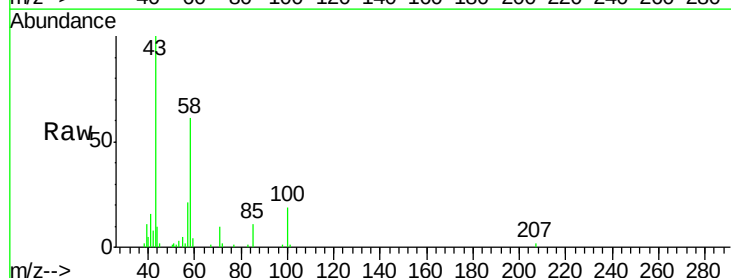
Acq: 21 Oct 2020 18:01

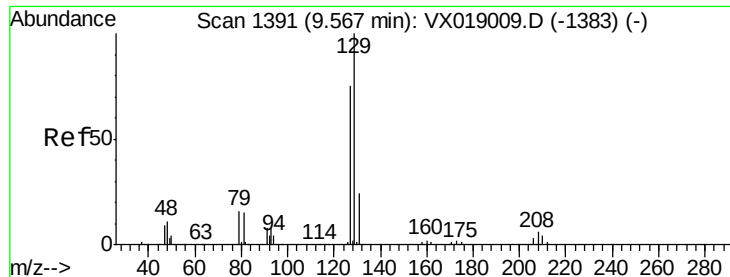
Tgt Ion: 43 Resp: 10554

Ion Ratio Lower Upper

43 100

58 62.3 32.8 98.4





#60

Dibromochloromethane

Concen: 0.767 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2717

Ion Ratio Lower Upper

129 100

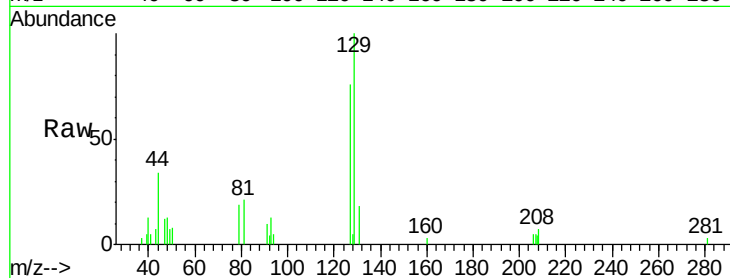
127 76.9 38.6 115.7

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.56

1500

1000

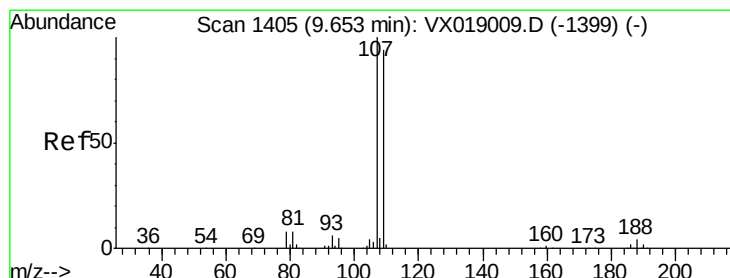
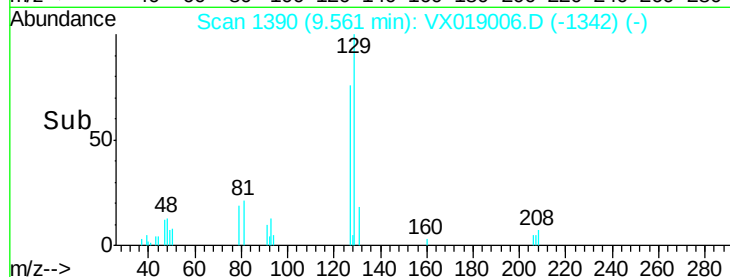
500

0

9.50

9.55

9.60



#61

1,2-Dibromoethane

Concen: 0.909 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX019006.D

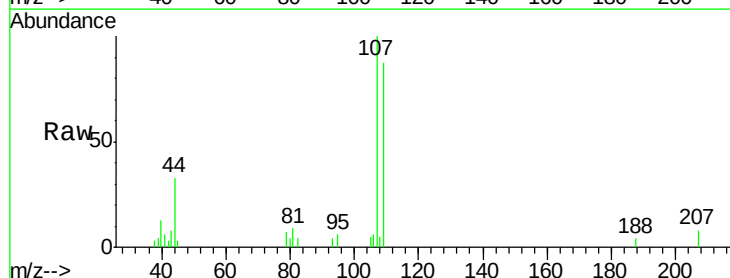
Acq: 21 Oct 2020 18:01

Tgt Ion:107 Resp: 2899

Ion Ratio Lower Upper

107 100

109 89.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

2000

1500

1000

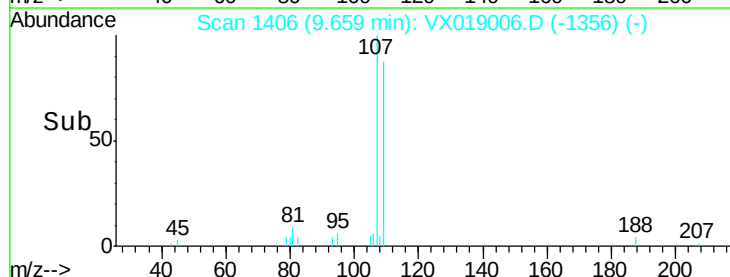
500

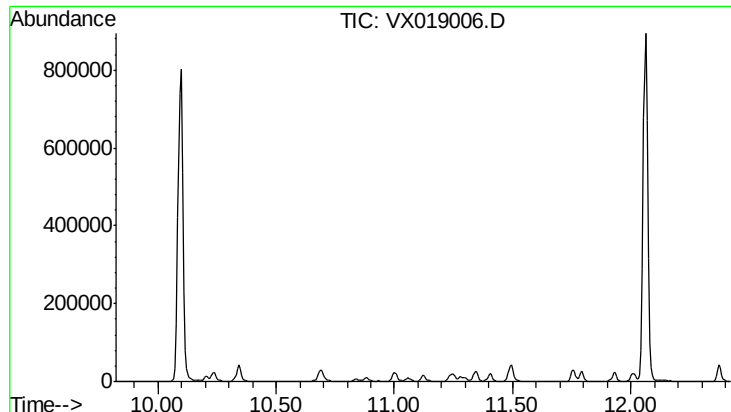
0

9.60

9.65

9.70





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Tot Ion: 95

Sig Exp Ratio

95 100

174 83.8

176 82.6

Instrument :

MSVOA_X

ClientSampleId :

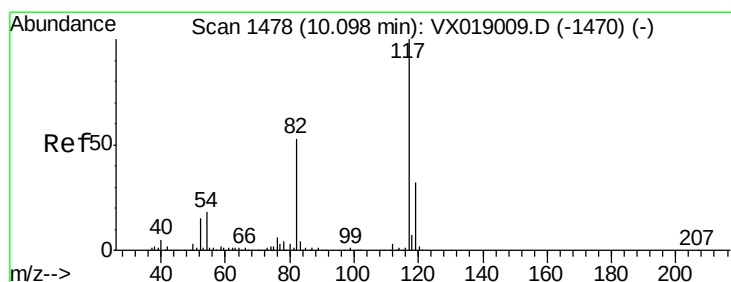
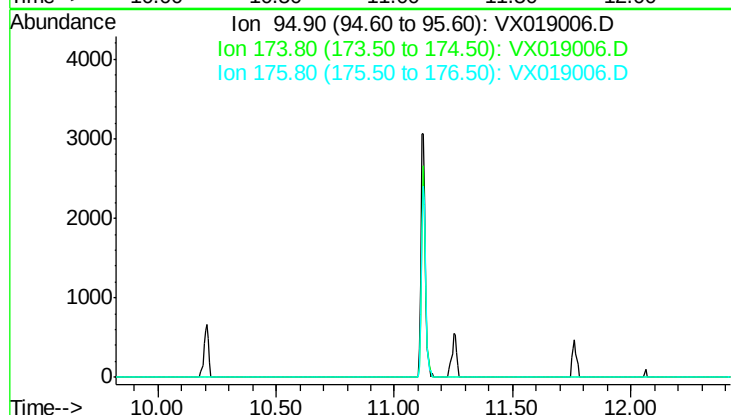
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

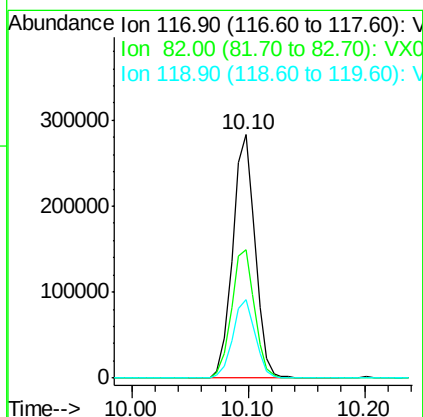
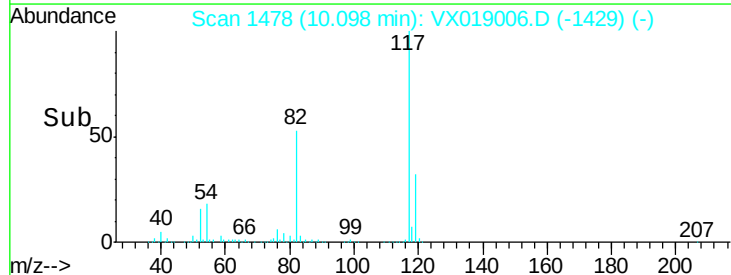
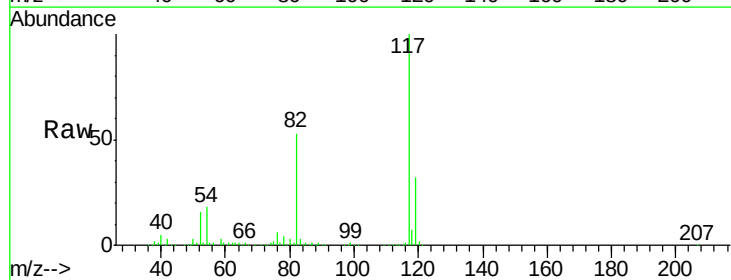
Tgt Ion: 117 Resp: 379669

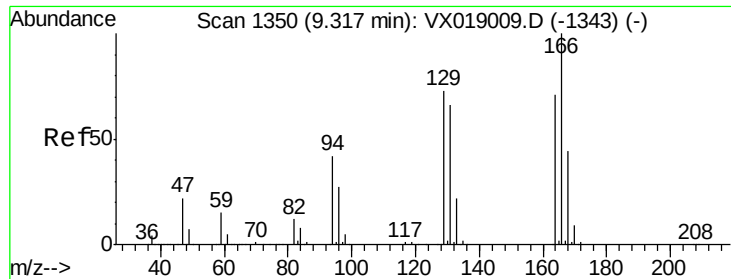
Ion Ratio Lower Upper

117 100

82 52.9 42.4 63.6

119 32.2 25.6 38.4





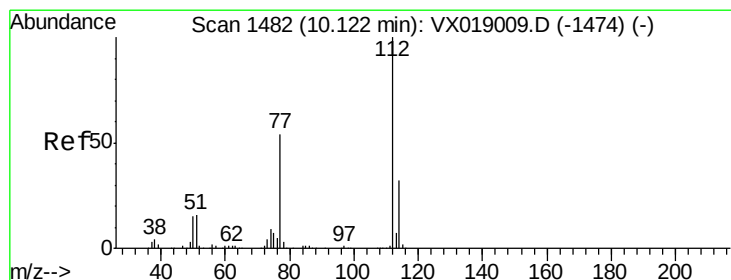
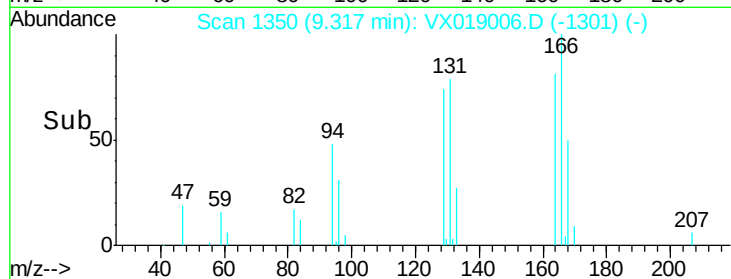
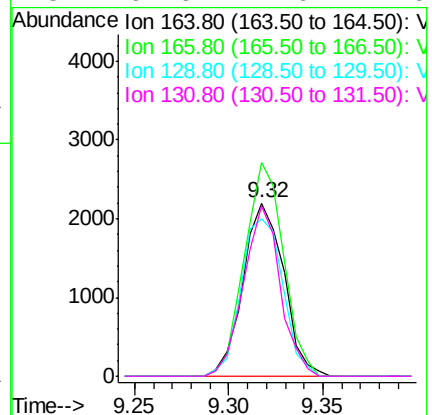
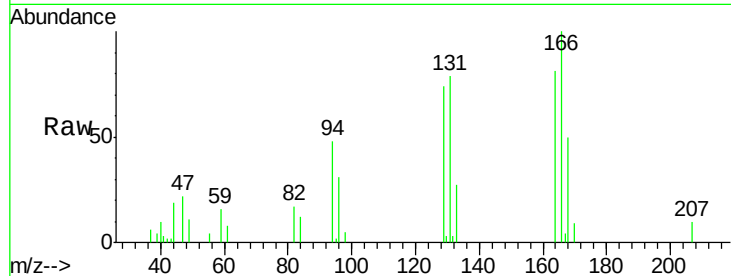
#64
Tetrachloroethene
Concen: 1.110 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.3	112.2	168.4
129	91.2	81.8	122.8
131	97.9	74.6	112.0

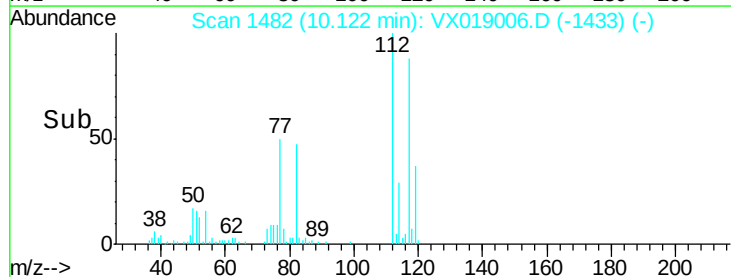
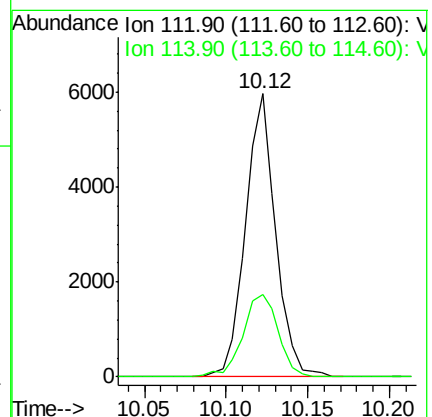
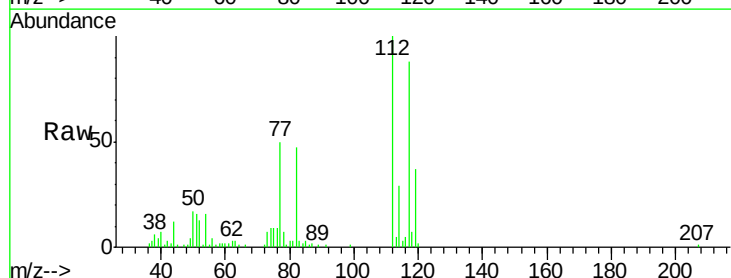
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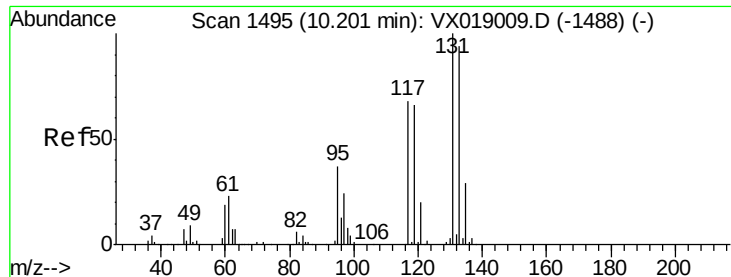
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#65
Chlorobenzene
Concen: 0.978 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	29.0	25.5	38.3





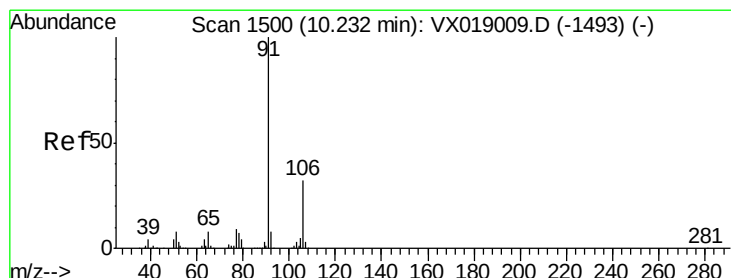
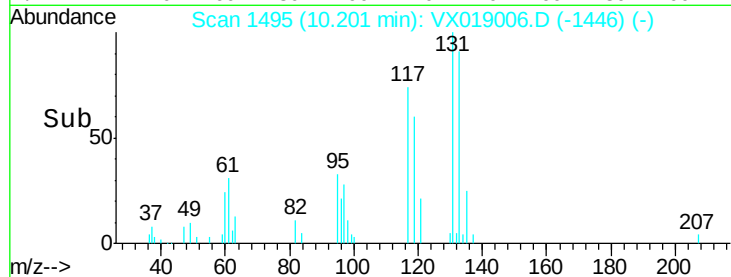
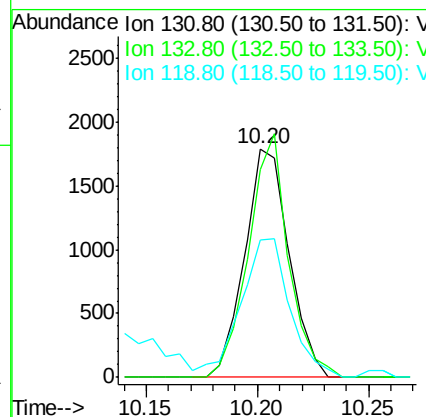
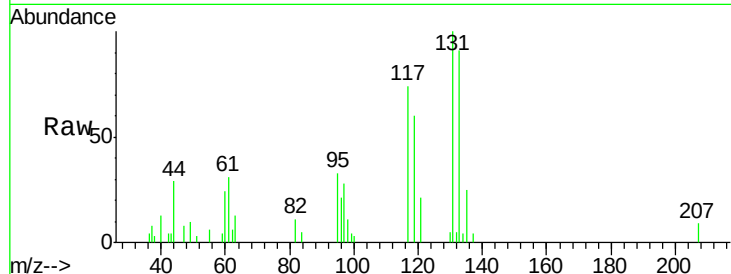
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.801 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.0	141.2
119	0.0	32.9	98.7#

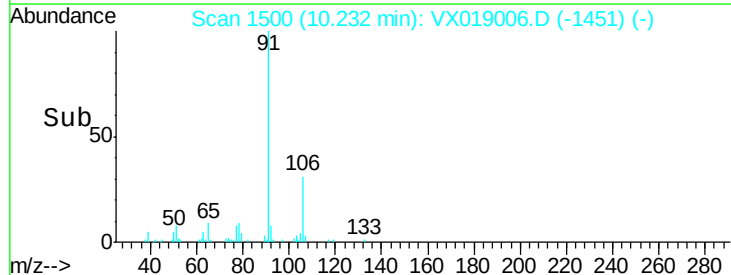
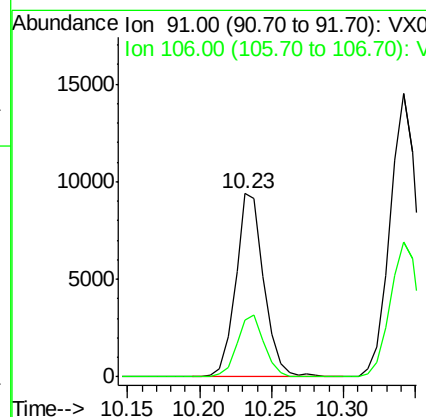
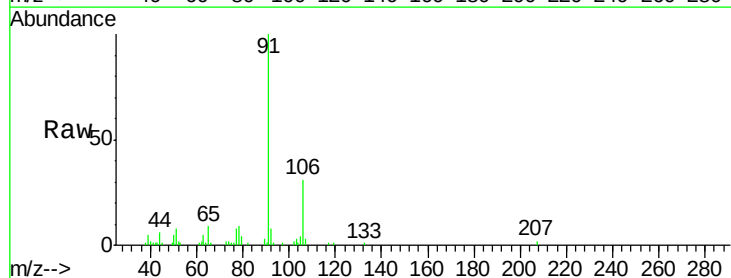
Manual Integrations
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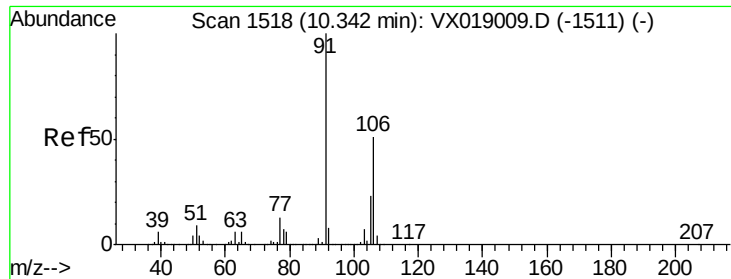
MMDadoda
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#67
 Ethyl Benzene
 Concen: 0.950 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.3	37.9





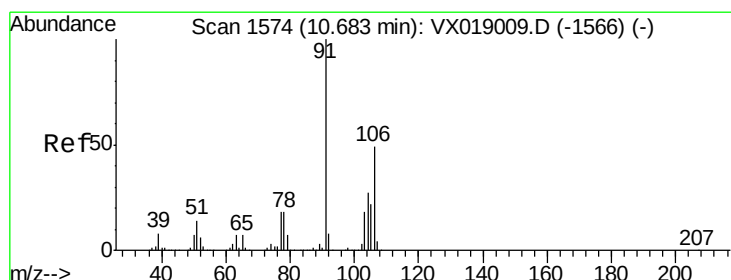
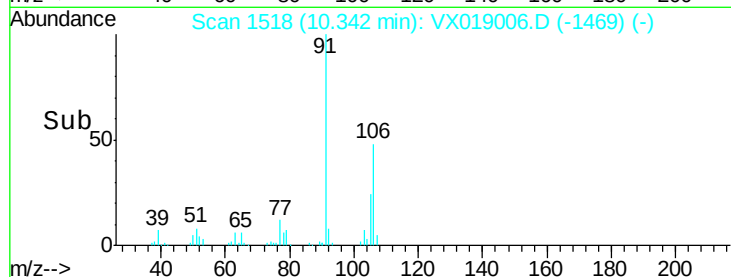
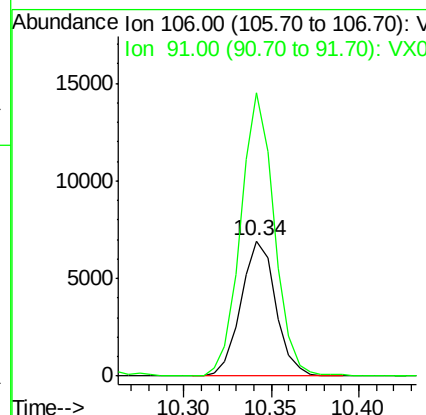
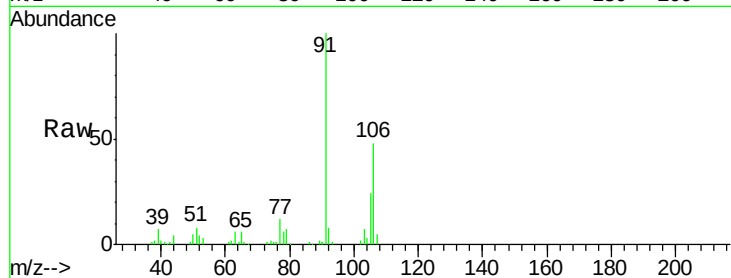
#68
m/p-Xylenes
Concen: 1.863 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.8	156.9	235.3

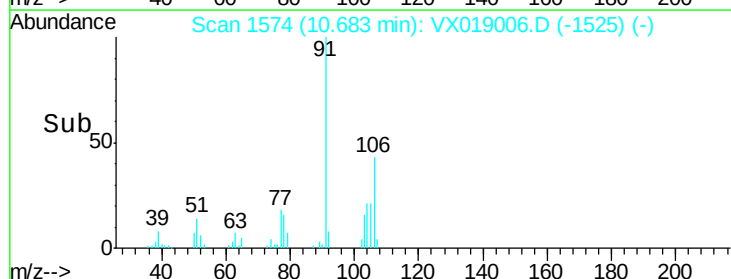
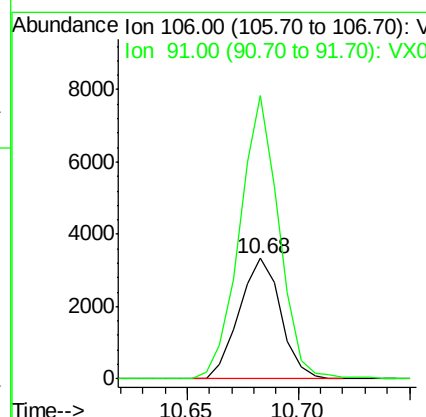
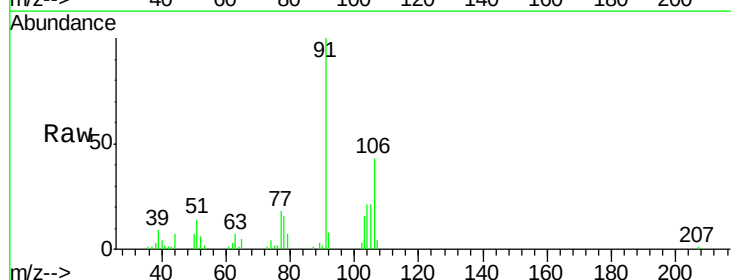
Manual Integrations
APPROVED

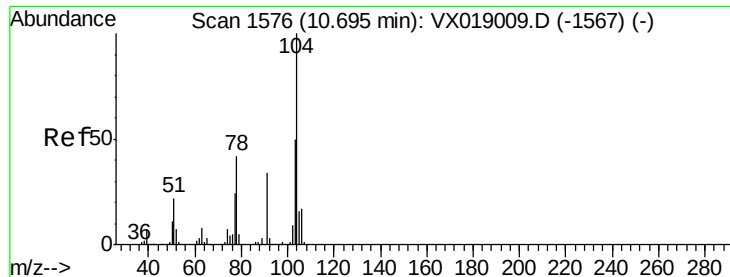
MMDadoda
10/22/2020 1:21:43 PM



#69
o-Xylene
Concen: 0.892 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	221.9	104.0	312.0





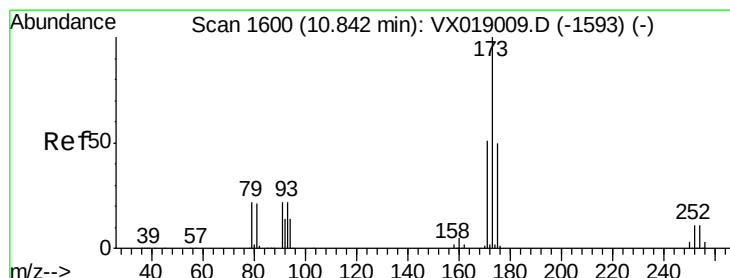
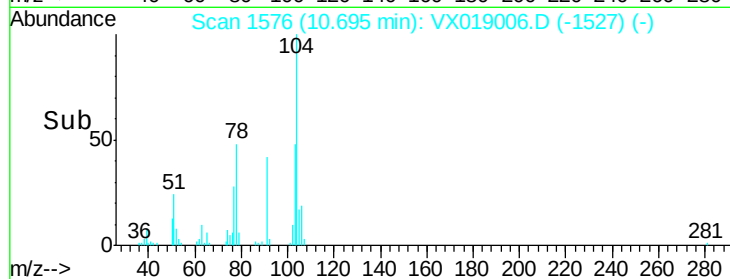
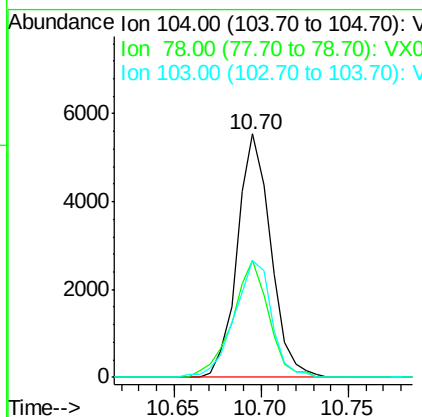
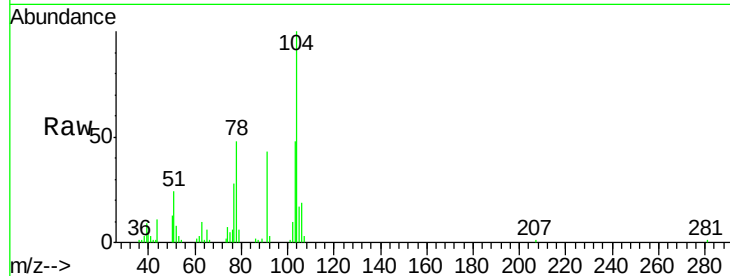
#70
Stvrene
Concen: 0.883 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.0	37.7	56.5
103	53.2	43.5	65.3

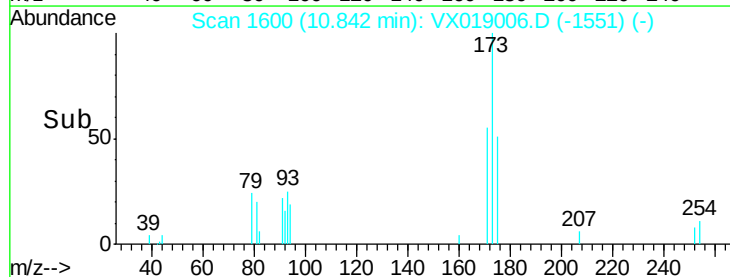
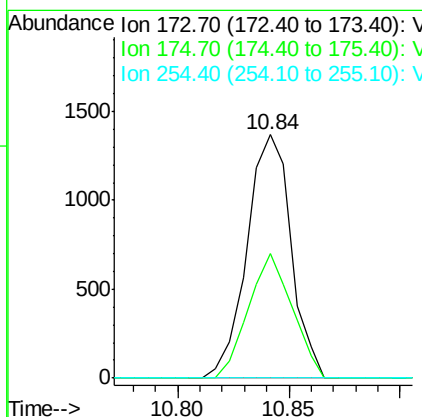
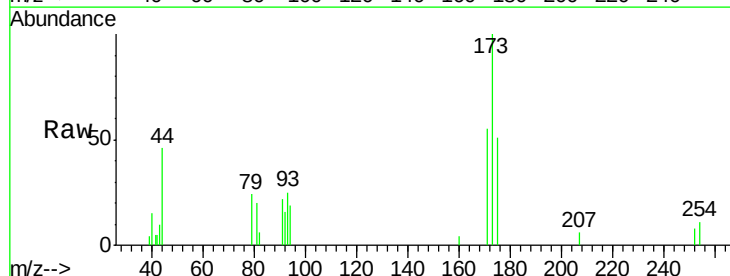
Manual Integrations
APPROVED

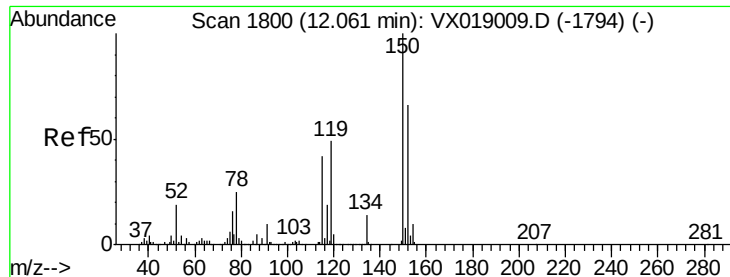
MMDadoda
10/22/2020 1:21:43 PM



#71
Bromoform
Concen: 0.731 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.1	72.4
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

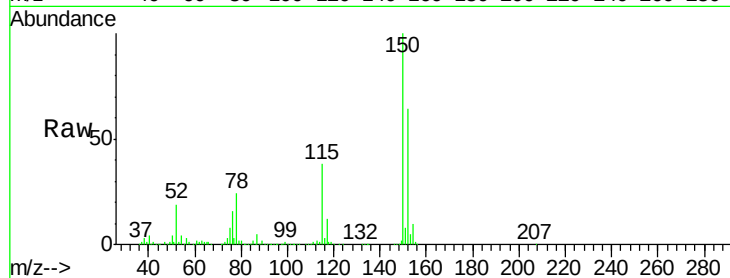
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	181331		
115	58.7	40.8	122.5	
150	159.4	0.0	345.6	

Manual Integrations
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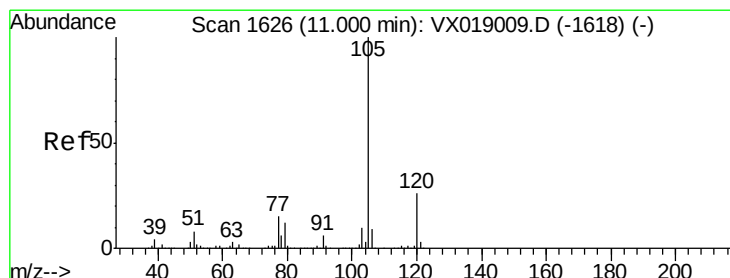
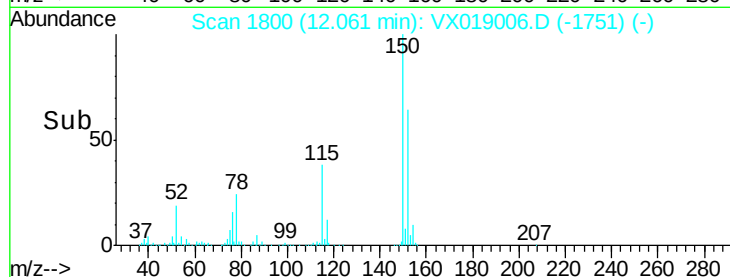
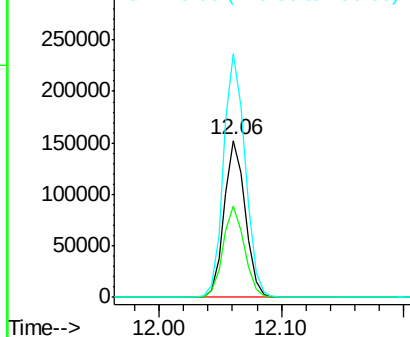


Abundance

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: 0.964 ug/l

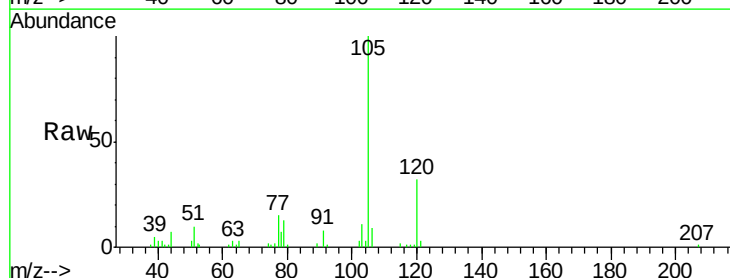
RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

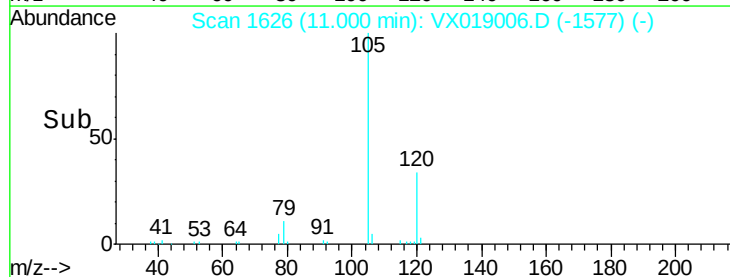
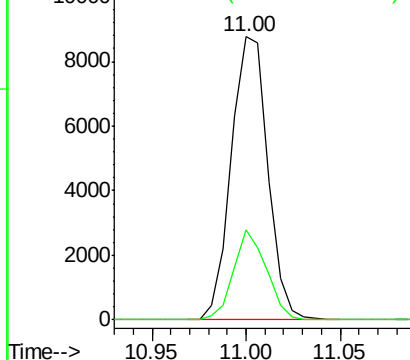
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	11828		
120	28.6	13.4	40.1	

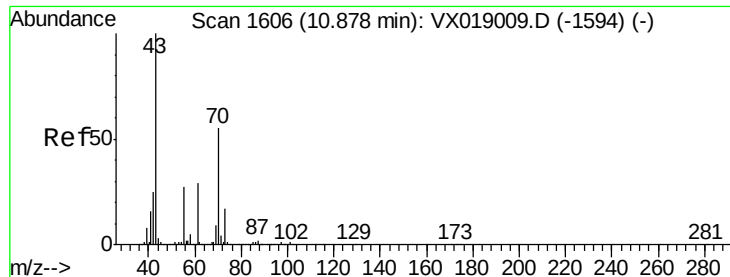


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.745 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

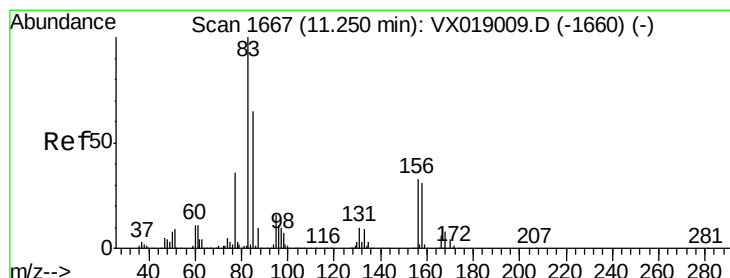
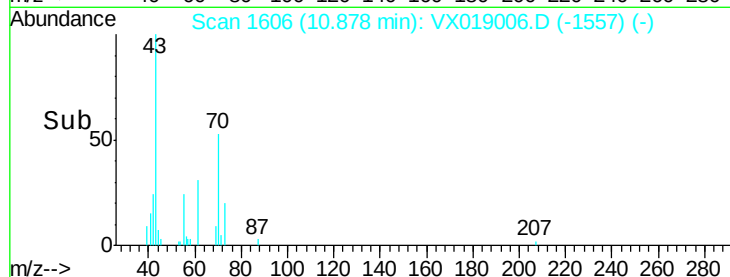
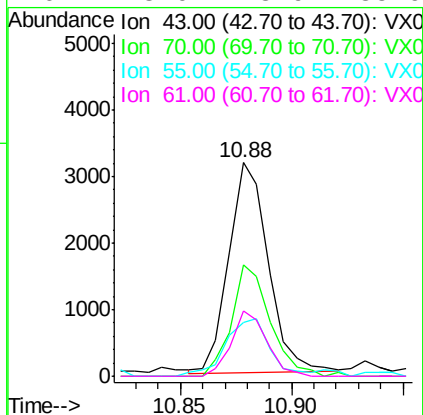
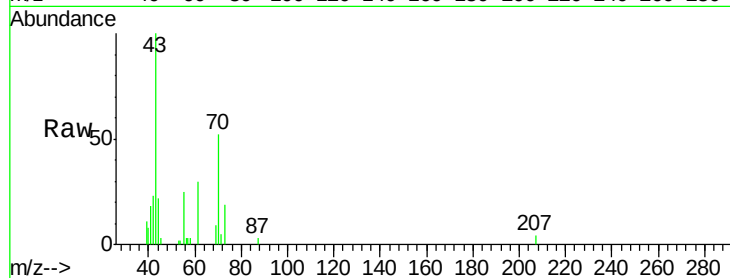
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	3903
Ion	Ratio	Lower	Upper
43	100		
70	52.1	44.5	66.7
55	32.3	21.9	32.9
61	28.0	23.9	35.9

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.896 ug/l

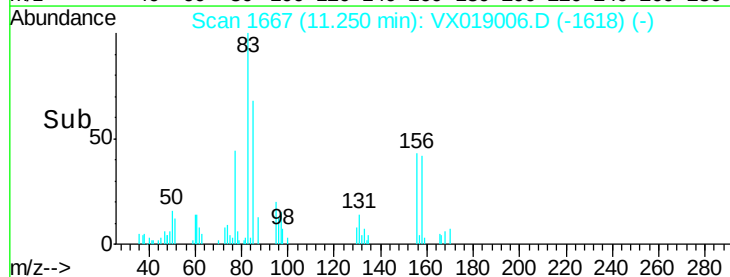
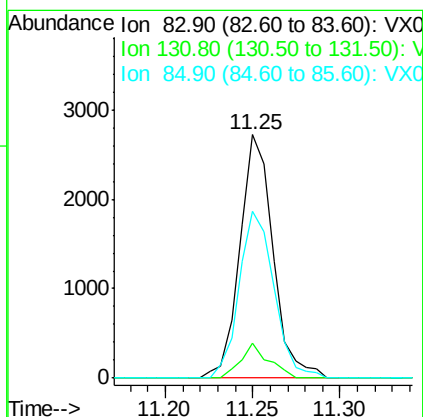
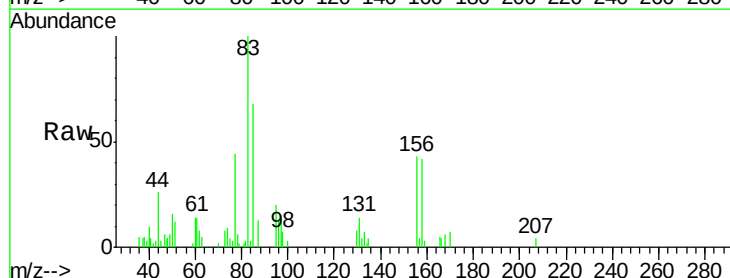
RT: 11.25 min Scan# 1667

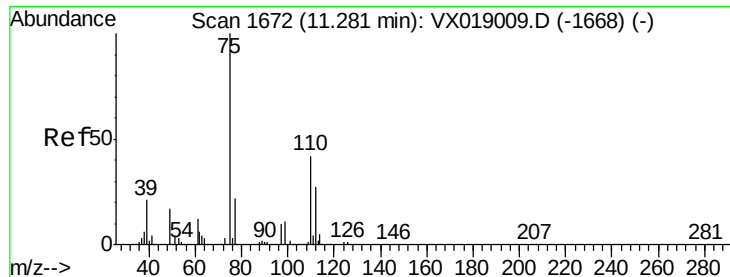
Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Tgt Ion:	83	Resp:	3596
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.1	15.4
85	71.9	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 0.987 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 3737

Ion Ratio Lower Upper

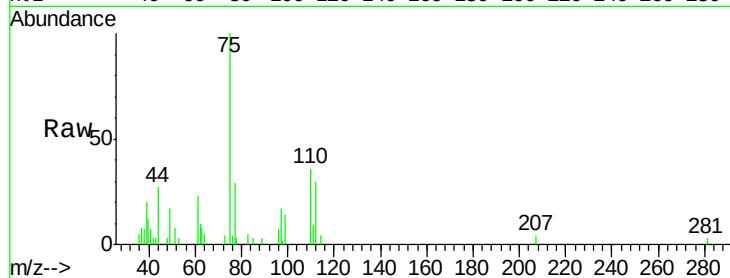
75 100

77 43.2 20.7 62.1

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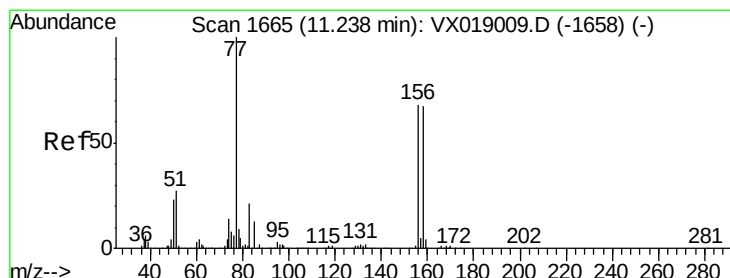
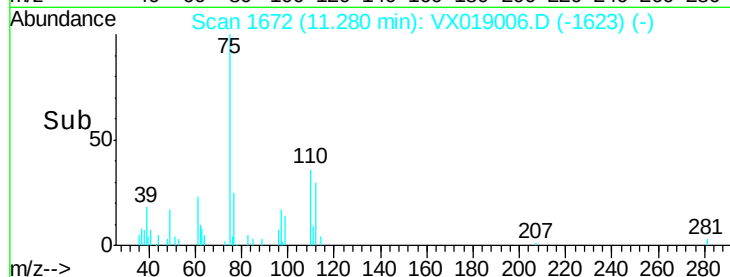
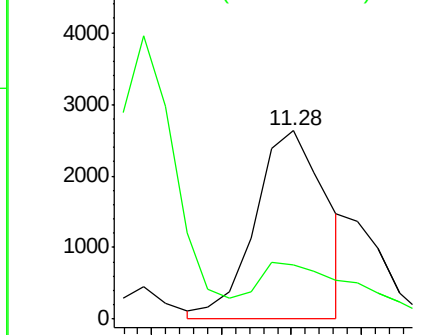
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 0.965 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

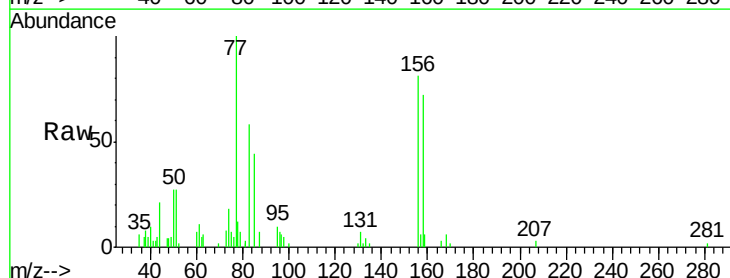
Tgt Ion: 156 Resp: 3231

Ion Ratio Lower Upper

156 100

77 152.8 74.4 223.1

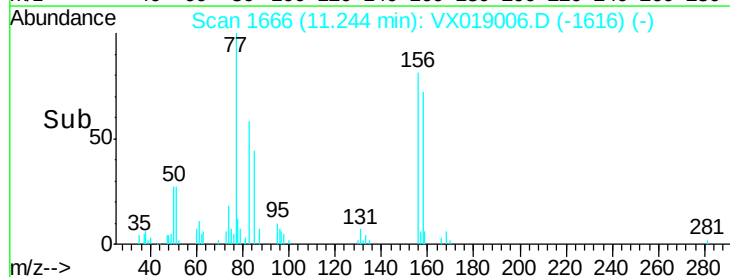
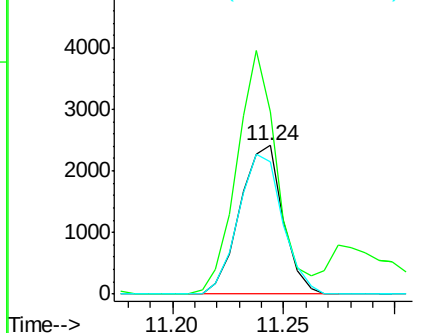
158 97.4 48.8 146.3

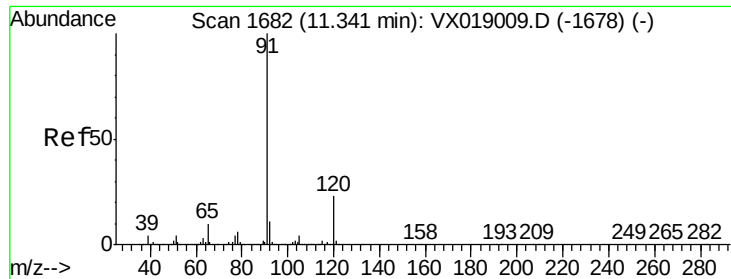


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 1.010 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019006.D

Acq: 21 Oct 2020 18:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 14407

Ion Ratio Lower Upper

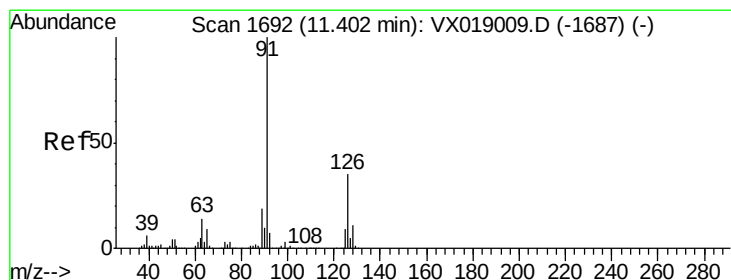
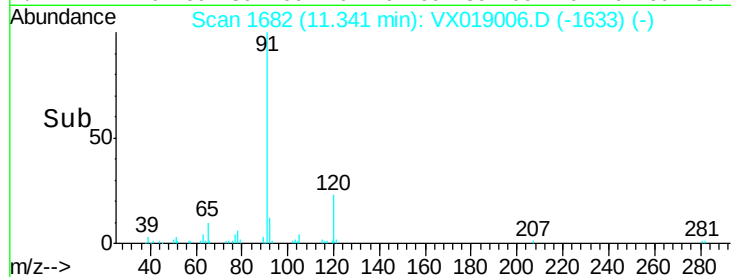
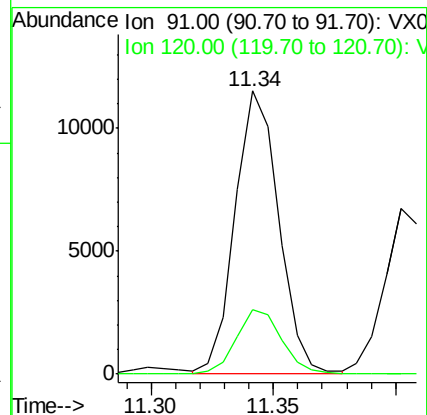
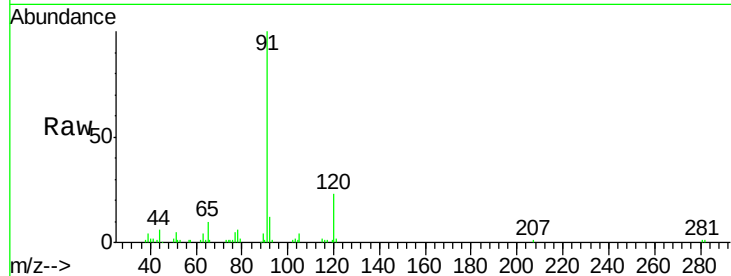
91 100

120 23.5 12.1 36.3

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.023 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019006.D

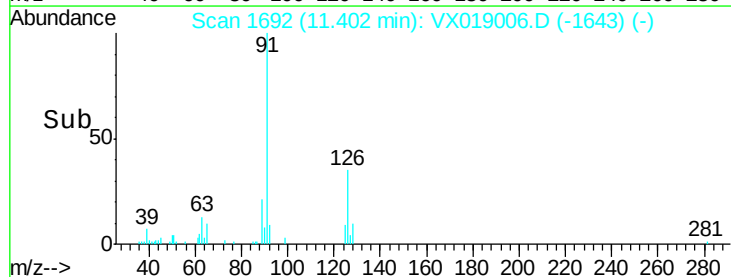
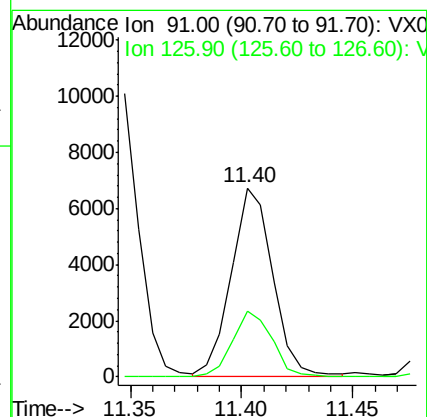
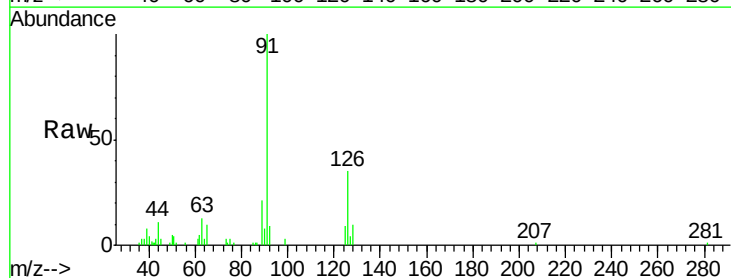
Acq: 21 Oct 2020 18:01

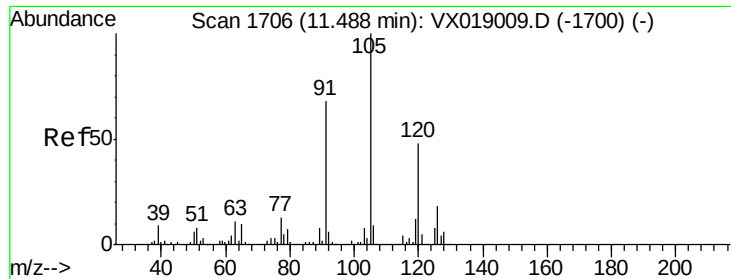
Tgt Ion: 91 Resp: 8789

Ion Ratio Lower Upper

91 100

126 32.9 17.5 52.5





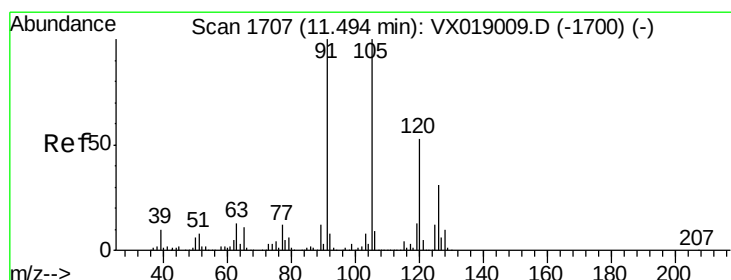
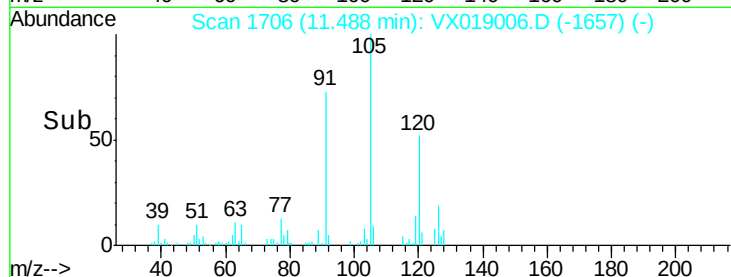
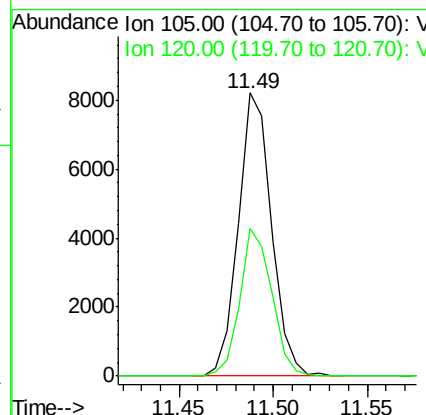
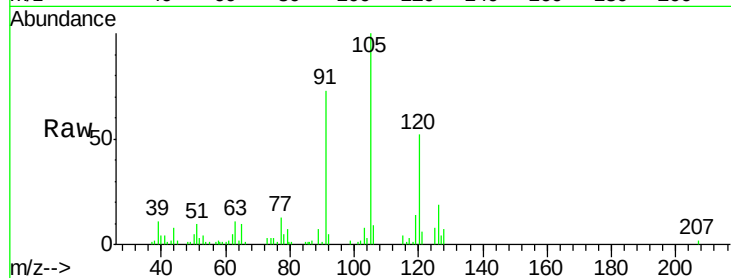
#80
 1,3,5-Trimethylbenzene
 Concen: 0.960 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 10004
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.2 75.6

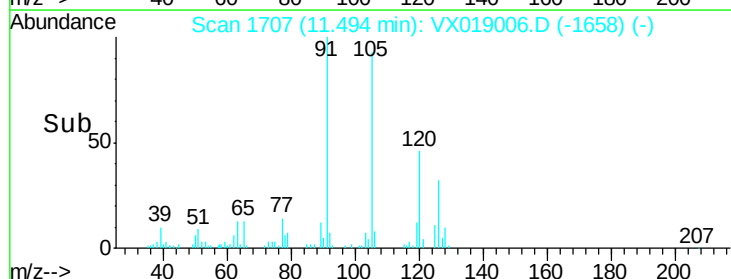
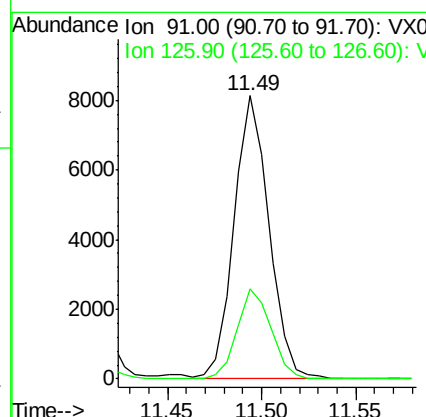
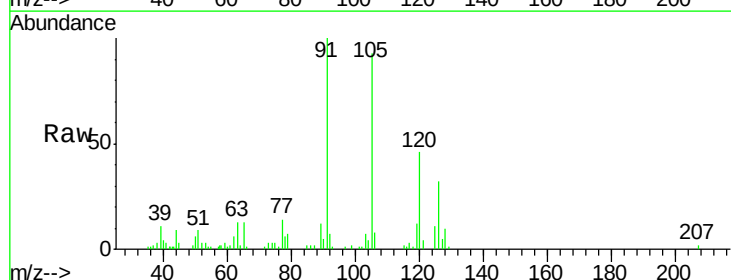
Manual Integrations
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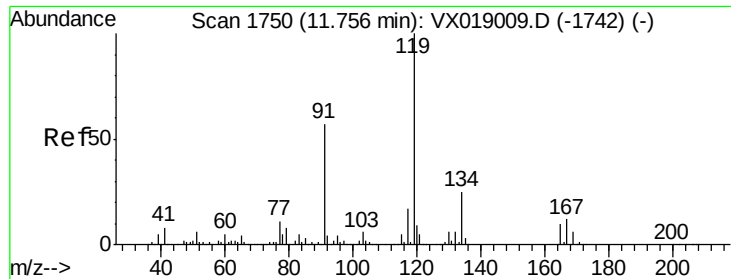
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#82
 4-Chlorotoluene
 Concen: 1.025 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion: 91 Resp: 10463
 Ion Ratio Lower Upper
 91 100
 126 30.7 15.6 46.7





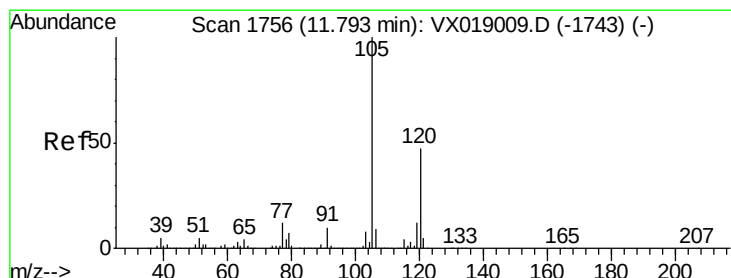
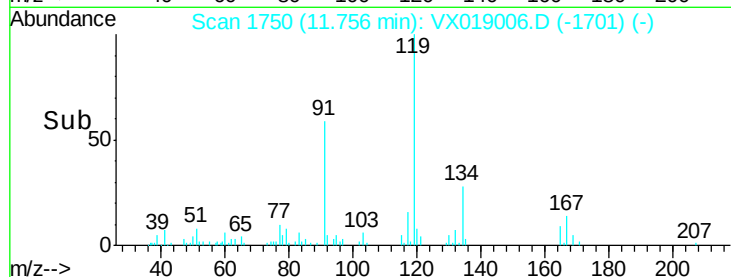
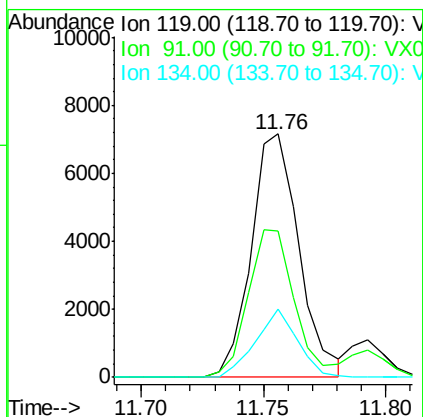
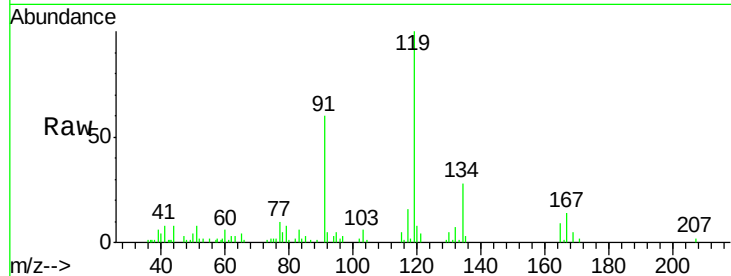
#83
 tert-Butylbenzene
 Concen: 0.961 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	28.1	84.4
134	24.7	11.8	35.3

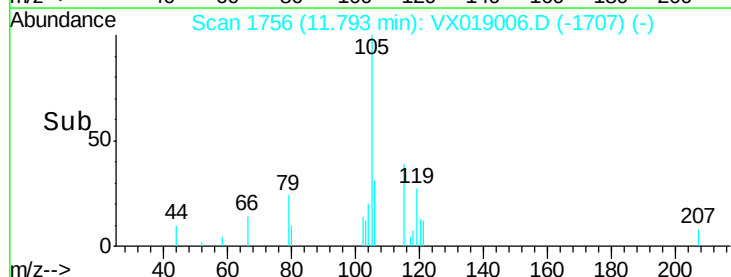
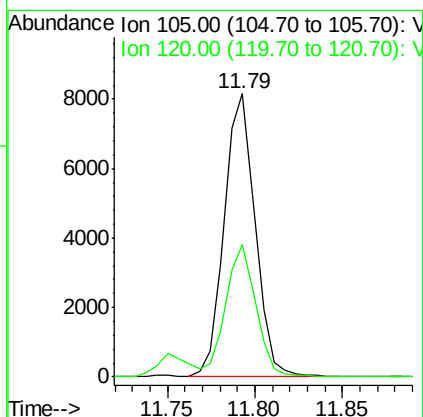
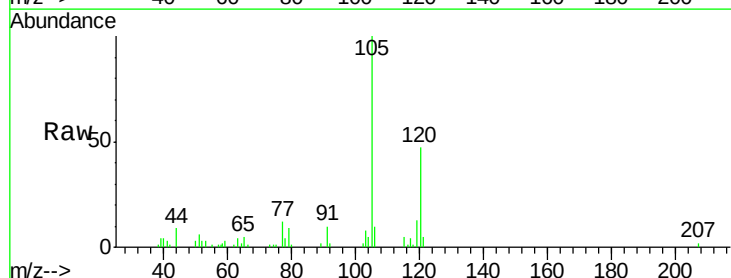
Manual Integrations
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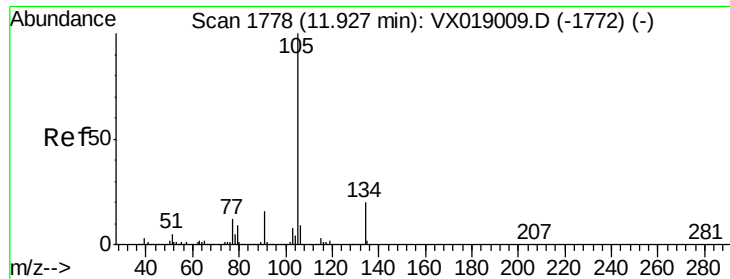
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.959 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.8





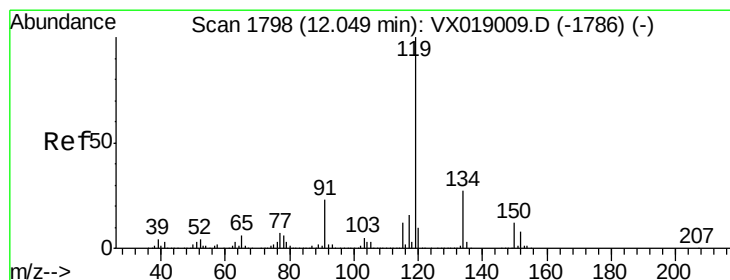
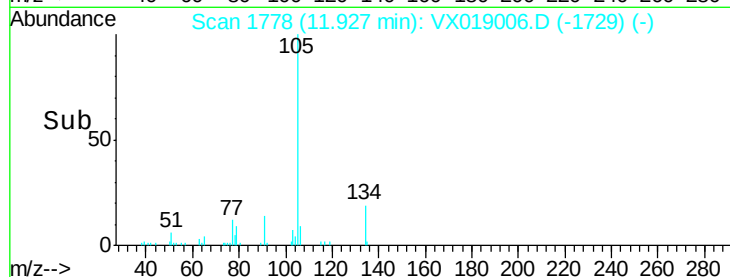
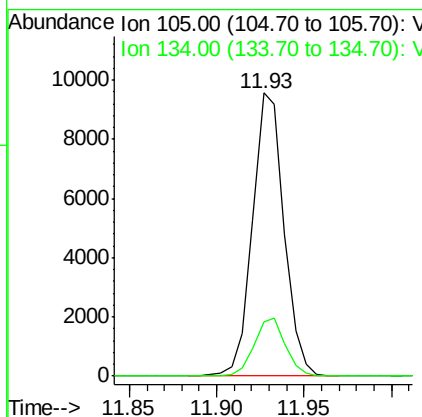
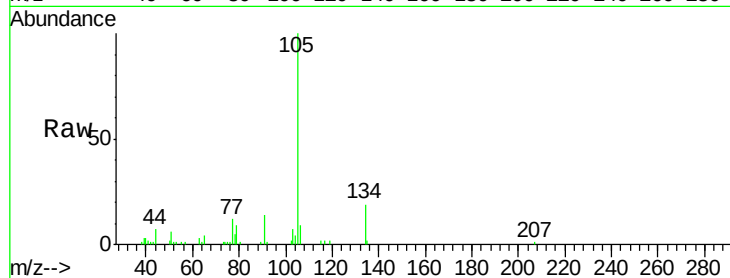
#85
 sec-Butylbenzene
 Concen: 0.994 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.4	31.1

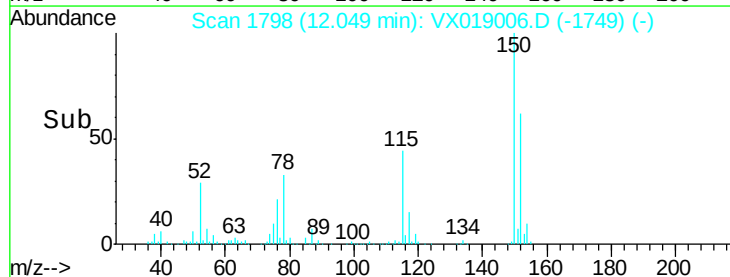
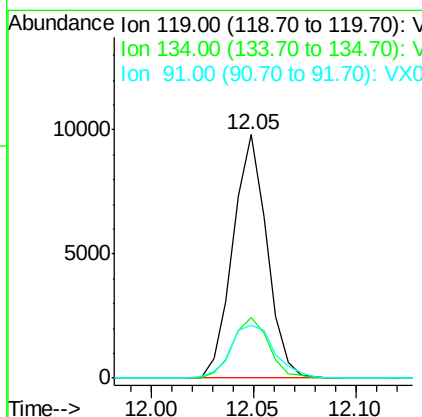
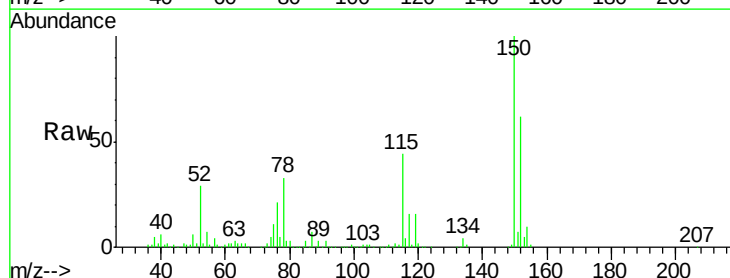
Manual Integrations
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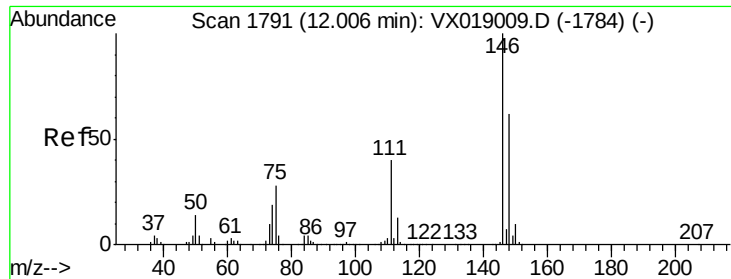
MMDadoda
 10/22/2020 1:21:43 PM



#86
 p-Isopropyltoluene
 Concen: 1.025 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.8
91	28.3	11.4	34.2





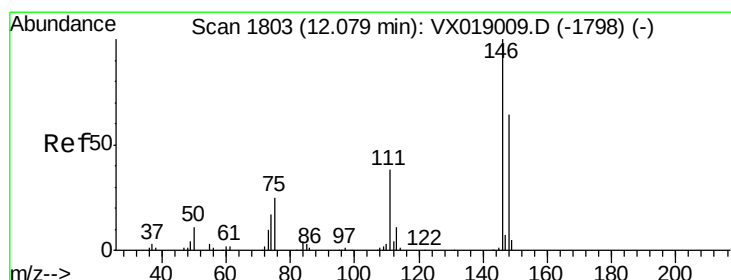
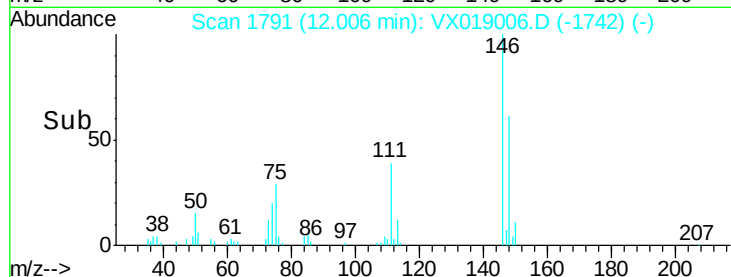
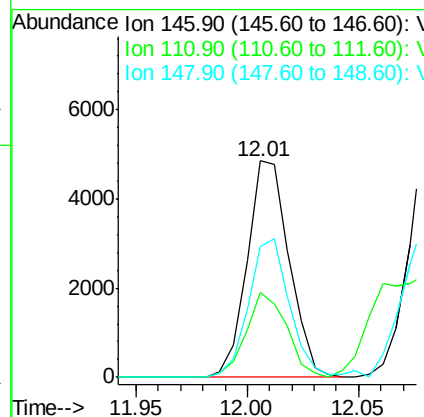
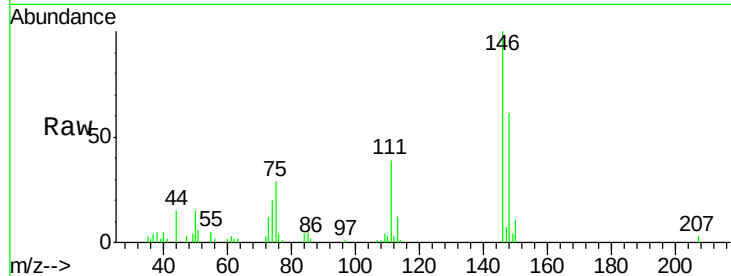
#87
 1,3-Dichlorobenzene
 Concen: 1.067 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.7	59.1
148	62.6	32.0	96.0

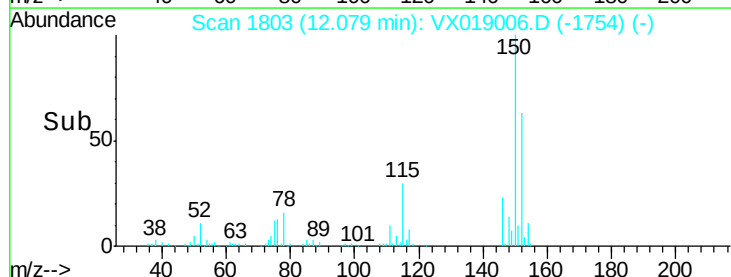
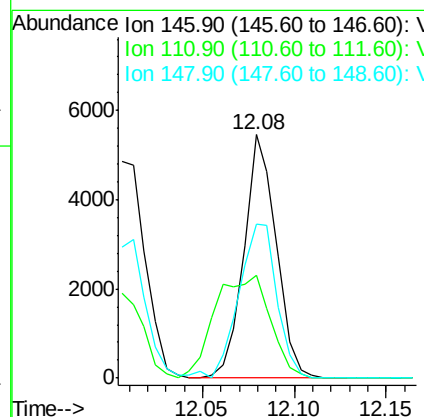
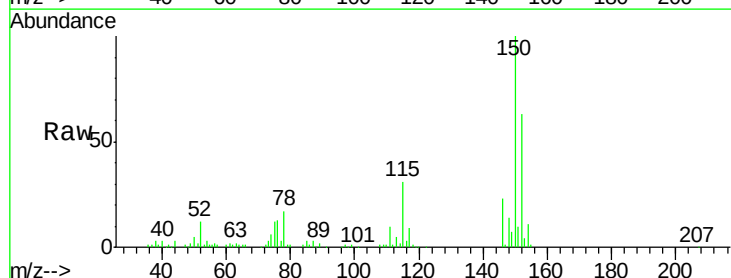
Manual Integrations
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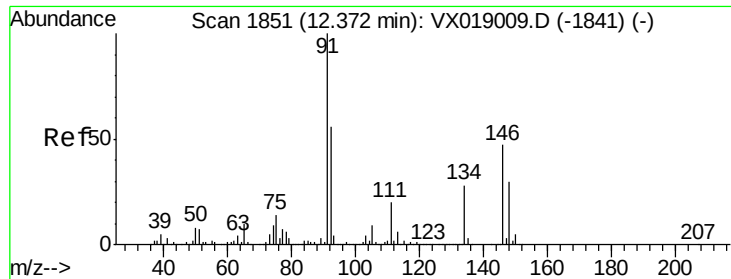
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 1.100 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	19.4	58.2
148	59.8	32.2	96.6





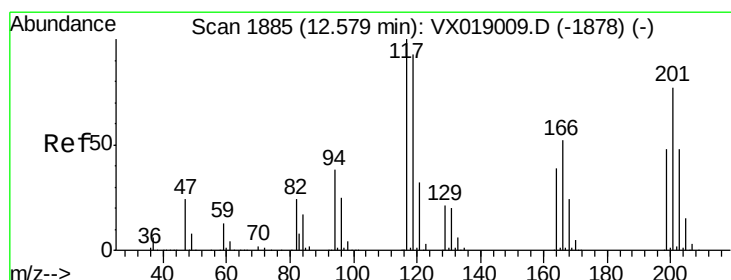
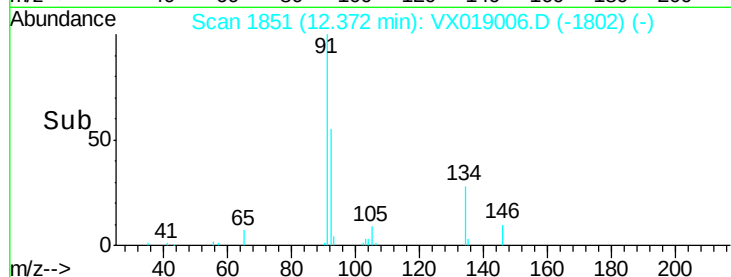
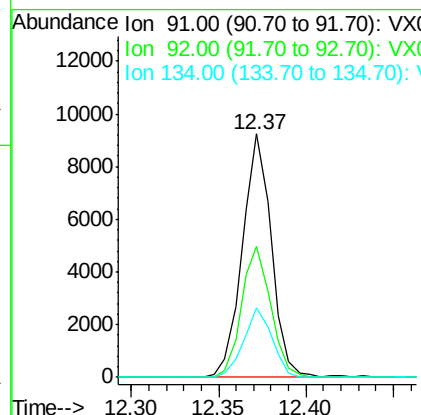
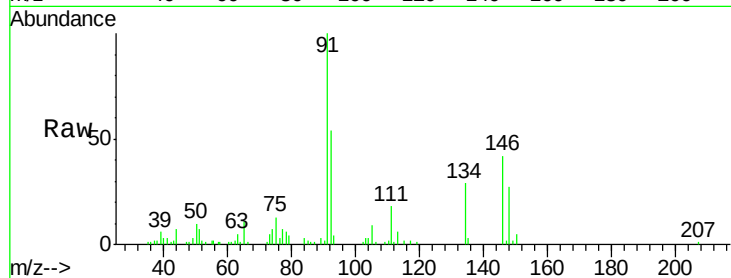
#89
n-Butylbenzene
Concen: 1.048 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.3	81.9
134	27.6	13.6	40.7

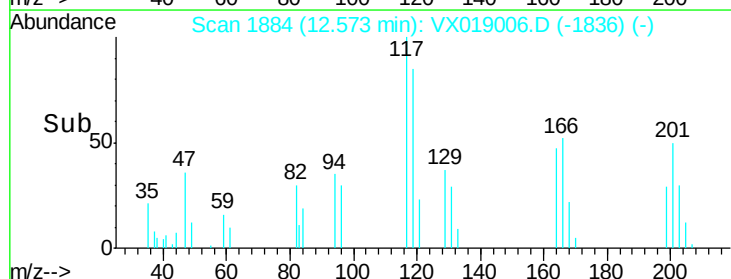
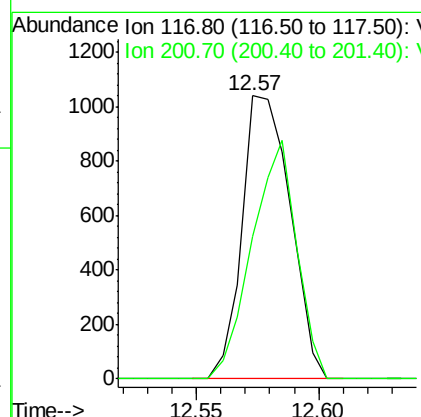
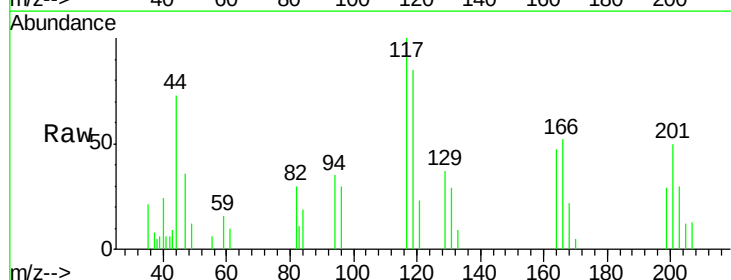
Manual Integrations
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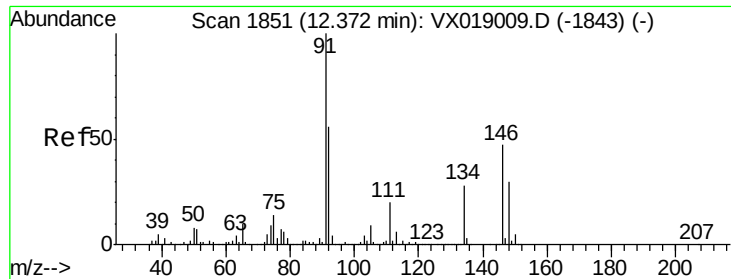
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#90
Hexachloroethane
Concen: 0.666 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	37.1	111.3





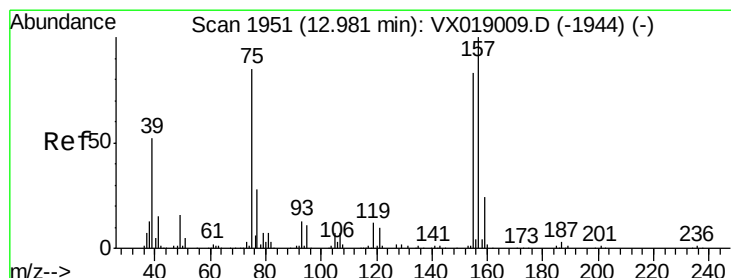
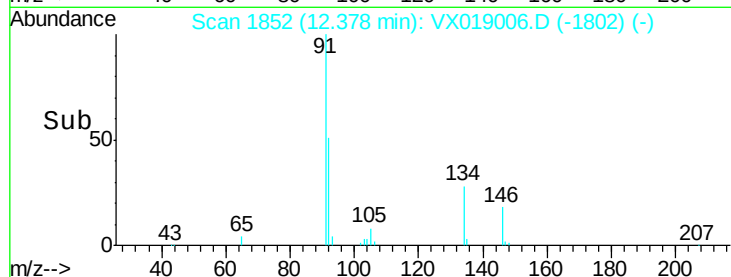
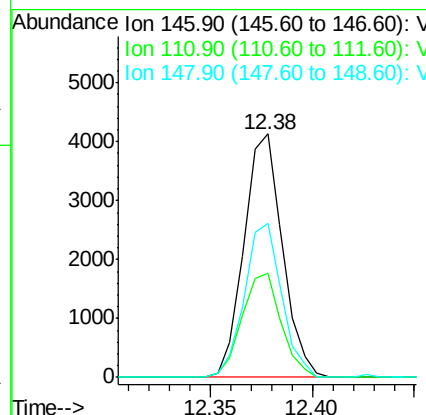
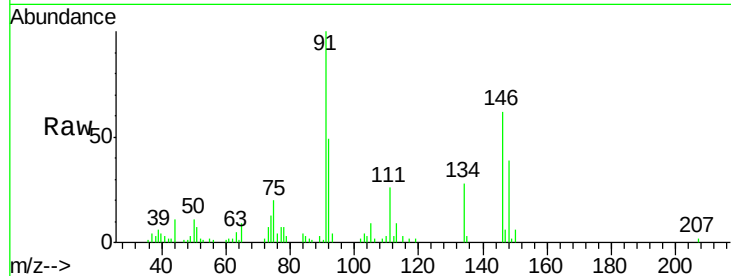
#91
1,2-Dichlorobenzene
Concen: 0.954 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	19.9	59.7
148	61.6	31.4	94.3

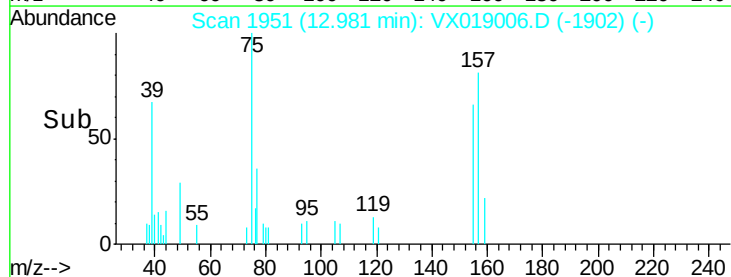
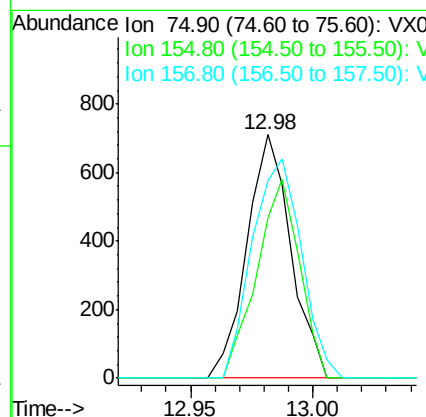
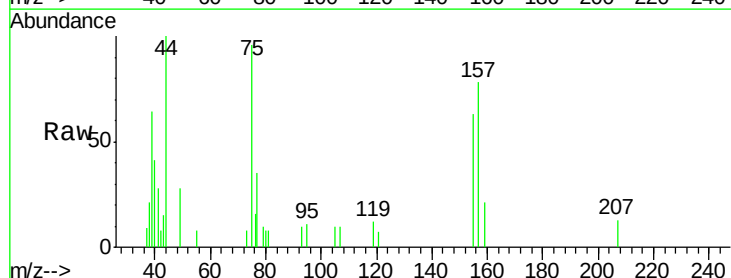
Manual Integrations
APPROVED

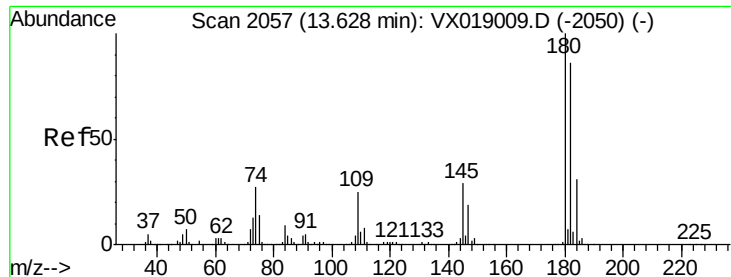
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 0.930 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	47.3	142.0
157	100.8	59.7	179.0





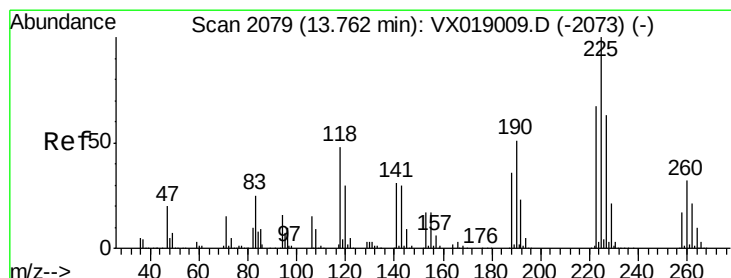
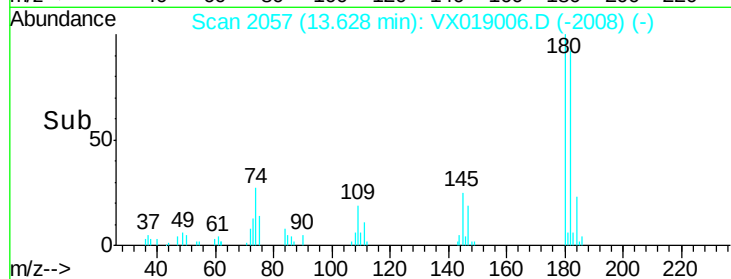
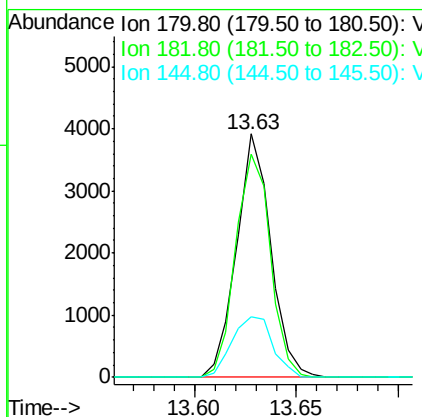
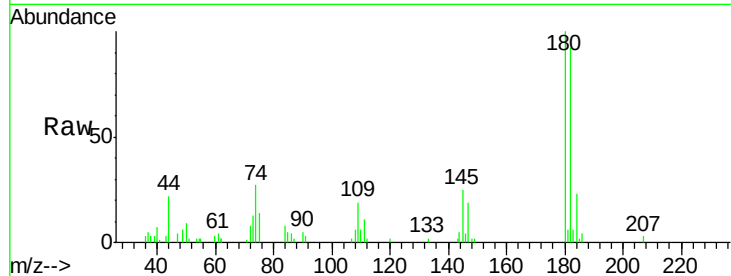
#93
 1,2,4-Trichlorobenzene
 Concen: 1.155 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.4	139.2
145	29.5	15.2	45.6

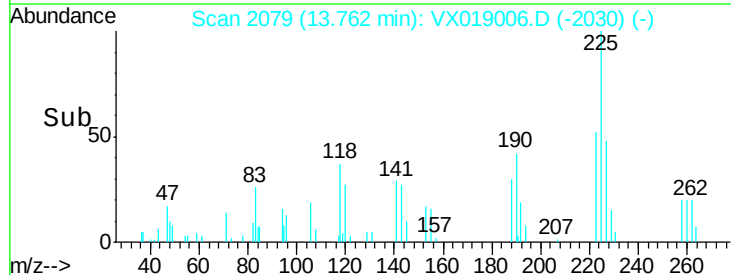
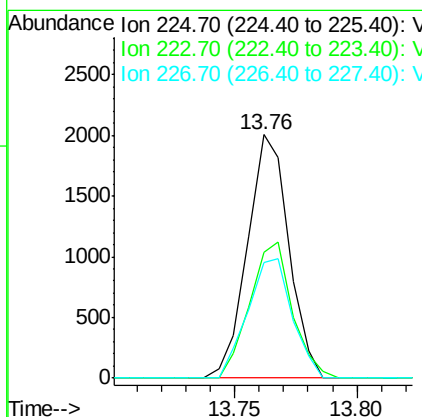
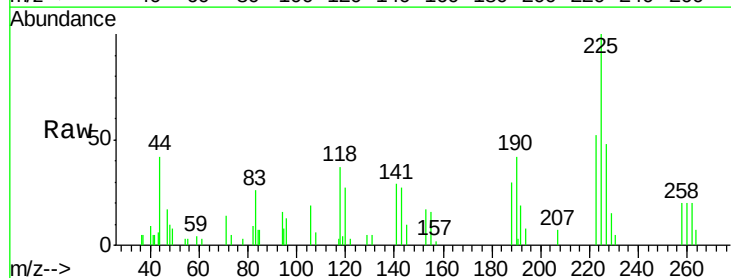
Manual Integrations
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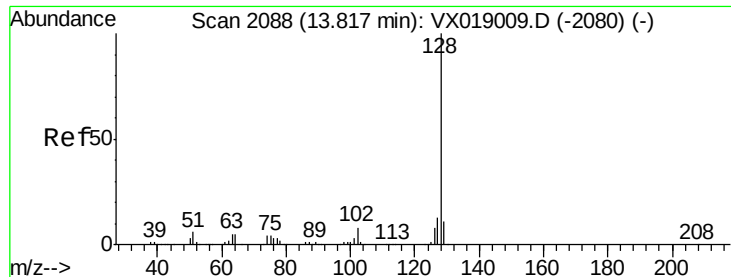
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#94
 Hexachlorobutadiene
 Concen: 1.403 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019006.D
 Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.5	32.5	97.4
227	52.9	31.9	95.7





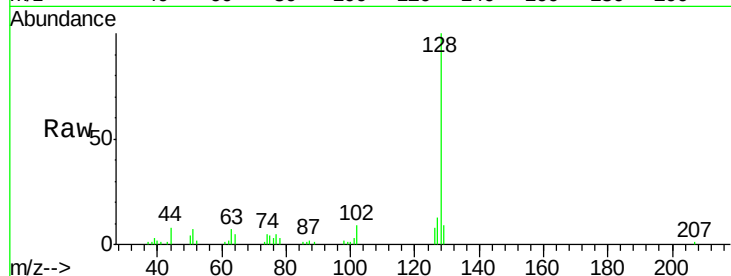
#95
Naphthalene
Concen: 1.001 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

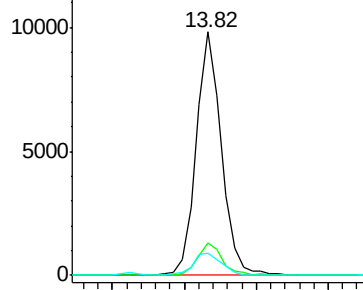
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.2	8.7	13.1

Manual Integrations
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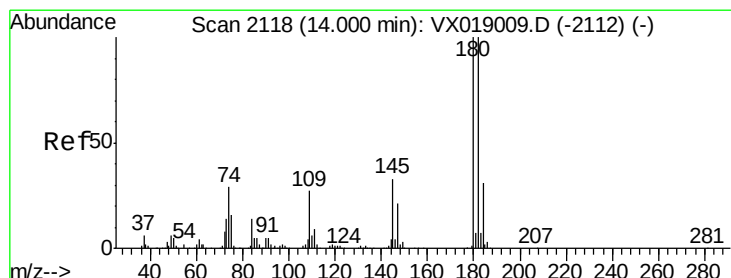
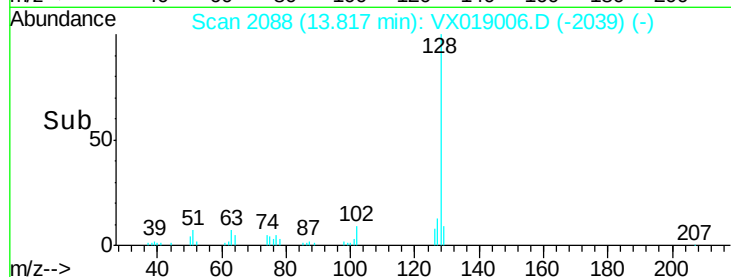
MMDadoda
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

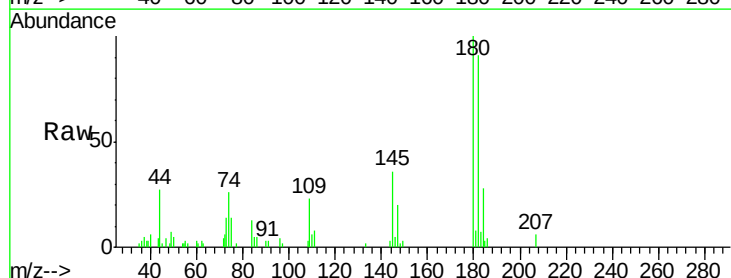


Time-->

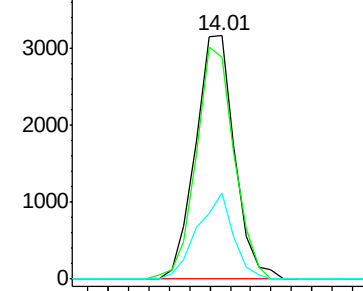


#96
1,2,3-Trichlorobenzene
Concen: 1.110 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX019006.D
Acq: 21 Oct 2020 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.3	142.0
145	32.6	15.9	47.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

