

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016916.D
 Acq On : 20 Jun 2020 08:09
 Operator : JC/SP
 Sample : L3066-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.160	8	12	25	rVB	667502	646340	1.23%	0.363%
2	5.629	735	745	766	rVB	313650	845184	1.61%	0.475%
3	6.031	799	811	822	rBV	202496	527590	1.01%	0.297%
4	6.830	931	942	953	rBV	539360	1300486	2.48%	0.731%
5	8.696	1242	1248	1263	rVB	987198	1525605	2.91%	0.857%
6	10.098	1473	1478	1483	rBV	1026363	1364847	2.60%	0.767%
7	10.238	1494	1501	1510	rBV	3186710	4342681	8.28%	2.441%
8	10.342	1510	1518	1524	rBV	1307865	1992664	3.80%	1.120%
9	10.823	1587	1597	1601	rVB2	369160	624759	1.19%	0.351%
10	10.896	1601	1609	1614	rBV3	329267	566480	1.08%	0.318%
11	11.000	1621	1626	1632	rBV	3837298	5011056	9.55%	2.817%
12	11.122	1641	1646	1650	rBV	1000779	1214071	2.31%	0.682%
13	11.341	1677	1682	1690	rBV	5788729	7375922	14.06%	4.146%
14	11.439	1690	1698	1702	rVV	1617743	3164359	6.03%	1.779%
15	11.488	1702	1706	1715	rVB	1510146	2143608	4.09%	1.205%
16	11.652	1728	1733	1742	rBV	1722970	2253204	4.29%	1.266%
17	11.756	1742	1750	1752	rBV2	701553	1003678	1.91%	0.564%
18	11.799	1752	1757	1762	rVV	41758530	52473263	100.00%	29.493%
19	11.908	1766	1775	1776	rBV	1064287	1512158	2.88%	0.850%
20	11.933	1776	1779	1784	rVB	2273205	2732577	5.21%	1.536%
21	12.012	1789	1792	1795	rVV	510881	558183	1.06%	0.314%
22	12.061	1795	1800	1806	rVB3	1826831	2954826	5.63%	1.661%
23	12.128	1806	1811	1816	rBV	18838642	23665730	45.10%	13.302%
24	12.219	1821	1826	1831	rVB	1075571	1382834	2.64%	0.777%
25	12.286	1831	1837	1844	rBV	9469702	12268197	23.38%	6.895%
26	12.353	1844	1848	1856	rVB2	2383728	4250669	8.10%	2.389%
27	12.445	1856	1863	1868	rBV	1078917	1350693	2.57%	0.759%
28	12.500	1868	1872	1878	rVB	693435	874163	1.67%	0.491%
29	12.573	1878	1884	1886	rBV	2458461	3504444	6.68%	1.970%
30	12.597	1886	1888	1892	rVB	2376452	2362141	4.50%	1.328%
31	12.652	1892	1897	1900	rBV	3983521	4635696	8.83%	2.606%
32	12.683	1900	1902	1907	rVB	1451720	1769322	3.37%	0.994%
33	12.744	1907	1912	1919	rBV2	3587738	6015534	11.46%	3.381%
34	12.884	1930	1935	1940	rVB2	1588900	2188472	4.17%	1.230%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Title : SW846 8260

35	12.963	1940	1948	1951	rBV	1931397	2673809	5.10%	1.503%
36	13.000	1951	1954	1960	rVB	3031995	3577527	6.82%	2.011%
37	13.067	1960	1965	1970	rBV3	364913	533550	1.02%	0.300%
38	13.329	2004	2008	2014	rVB2	3700963	5087872	9.70%	2.860%
39	13.463	2025	2030	2035	rVB	1306014	1594845	3.04%	0.896%
40	13.701	2062	2069	2077	rVB3	310882	814660	1.55%	0.458%
41	13.817	2077	2088	2095	rVB	2545941	3233717	6.16%	1.818%

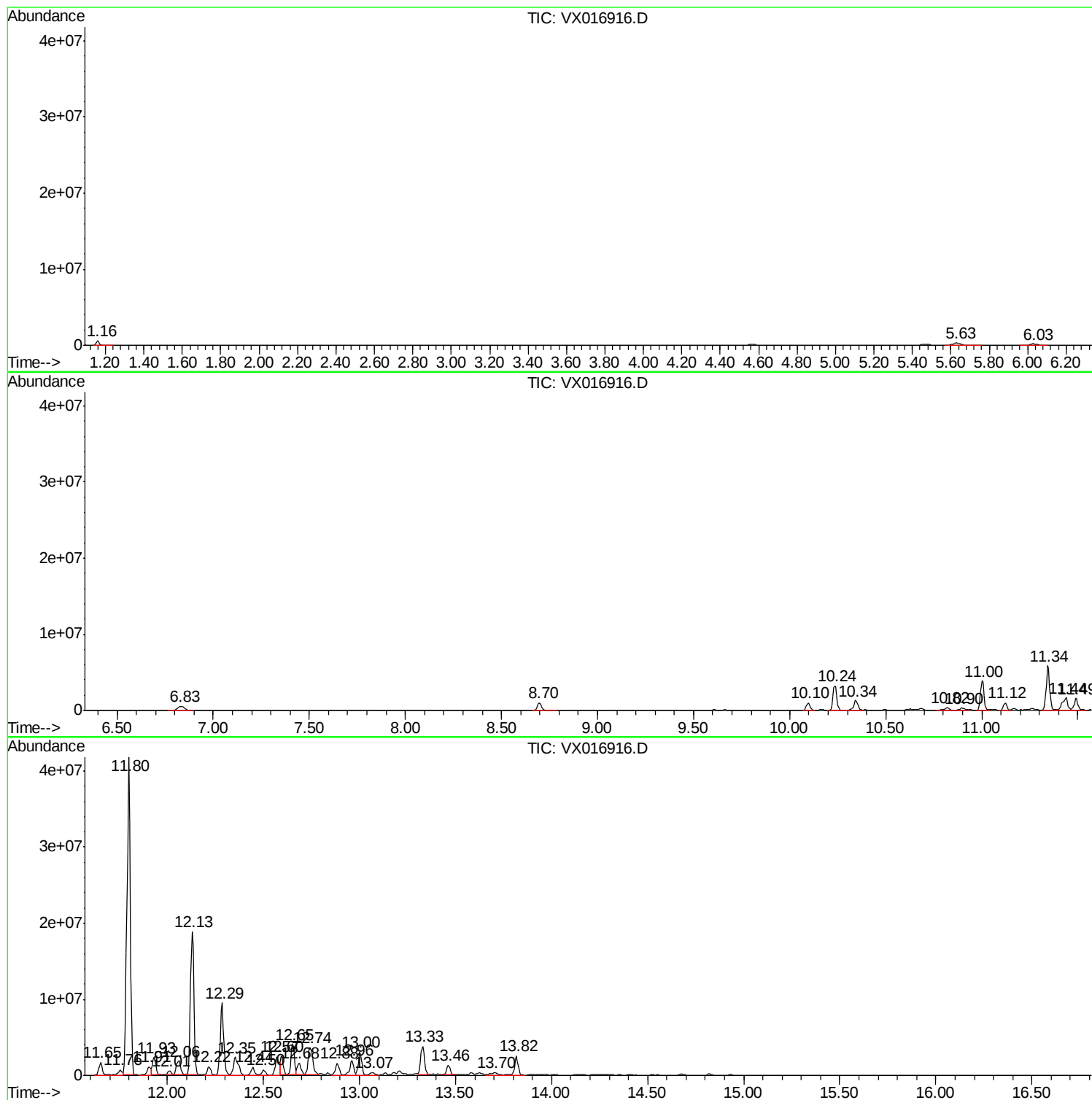
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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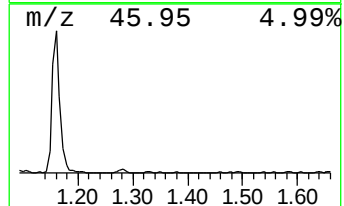
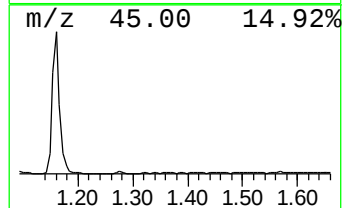
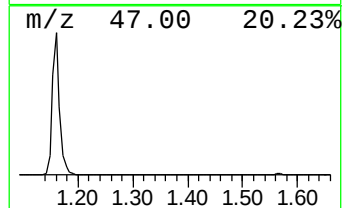
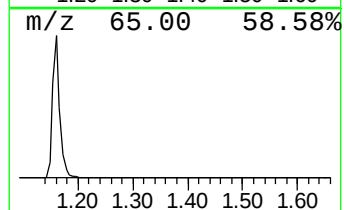
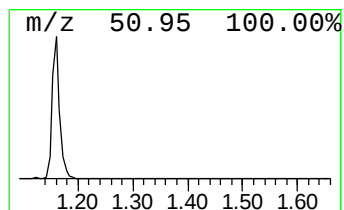
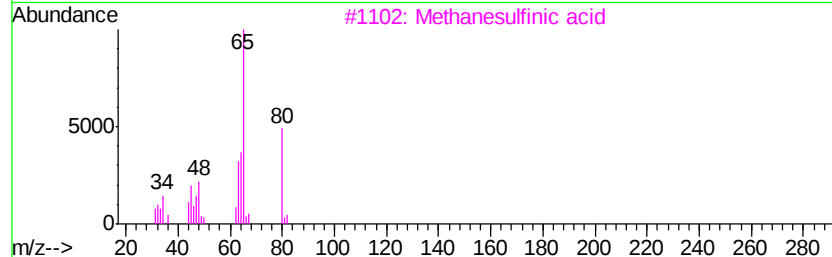
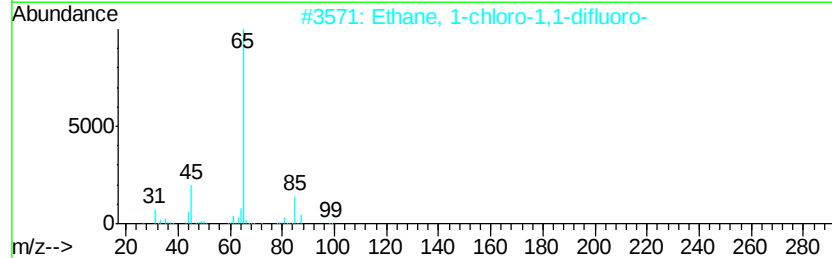
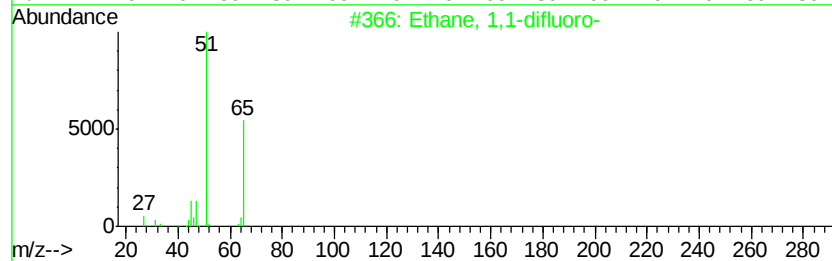
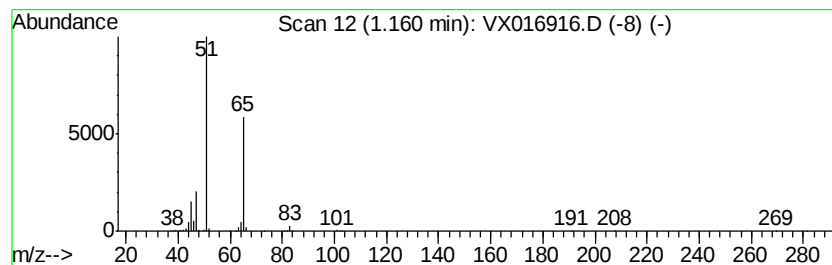
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.16	38.24 ug/l	646340	Pentafluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2		Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	12
3		Methanesulfinic acid	80	CH4O2S	017696-73-0	9
4		Propane, 1,1,2,2-tetrafluoro-	116	C3H4F4	040723-63-5	4
5		Difluorochloromethane	86	CHClF2	000075-45-6	4



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Instrument :
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ClientSampleId :
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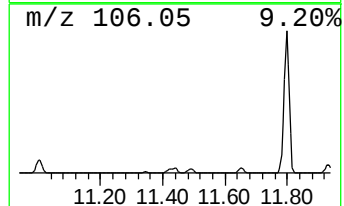
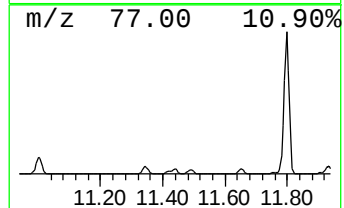
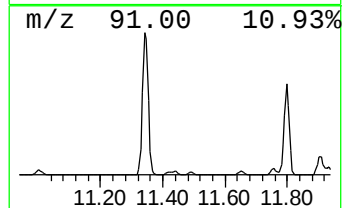
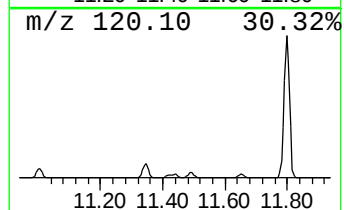
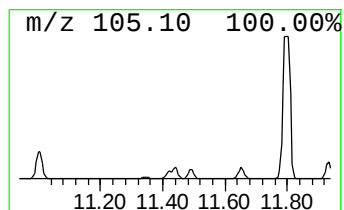
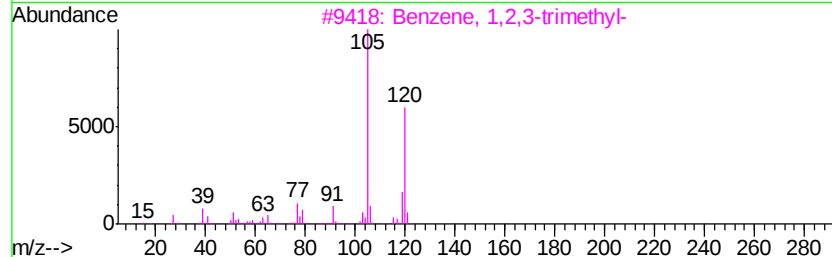
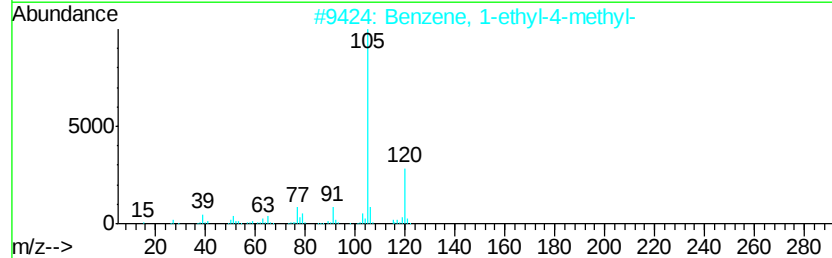
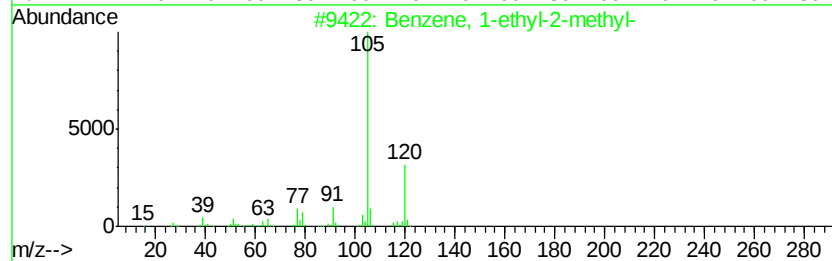
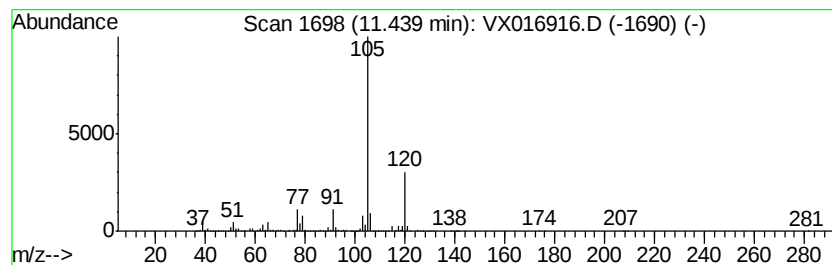
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	53.55 ug/l	3164360	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Mesitylene	120	C9H12	000108-67-8	91



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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-4

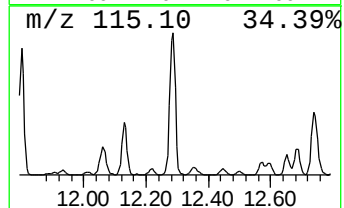
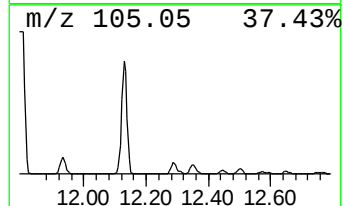
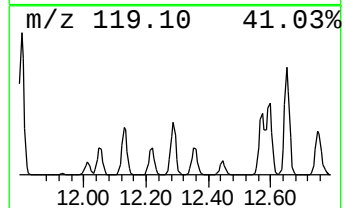
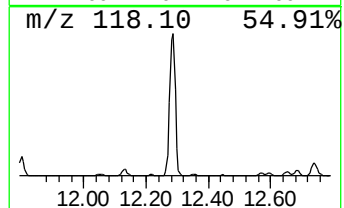
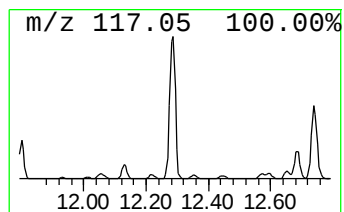
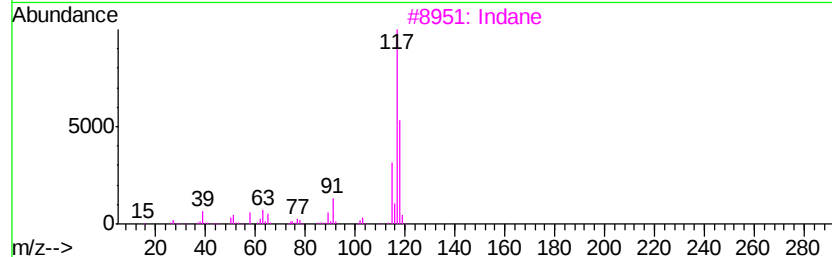
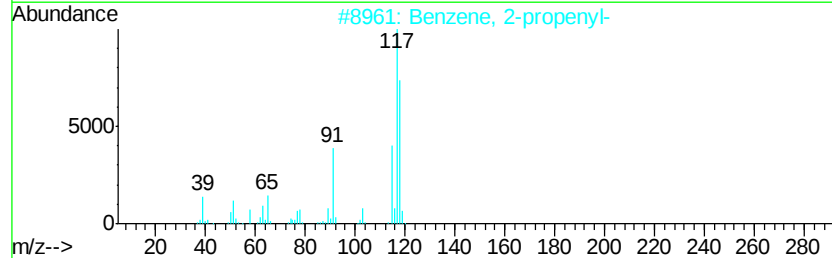
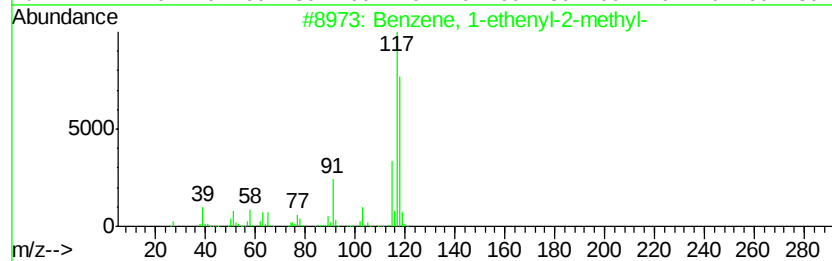
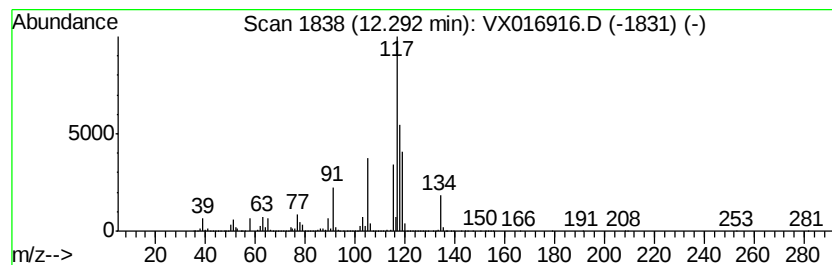
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	207.60 ug/l	12268200	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3		Indane	118	C9H10	000496-11-7	64
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	52



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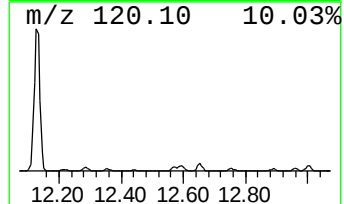
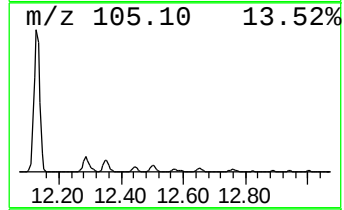
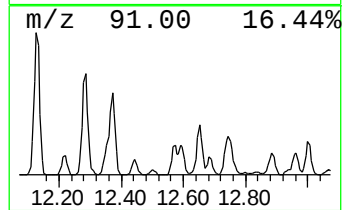
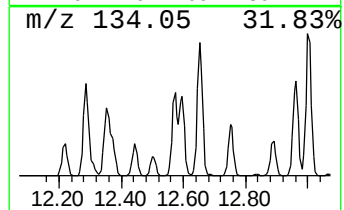
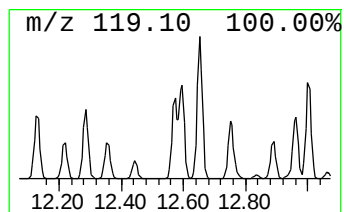
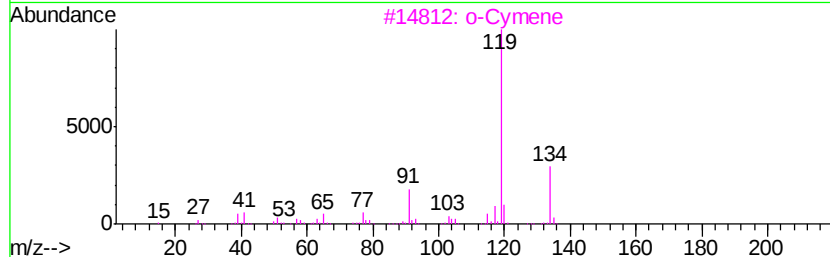
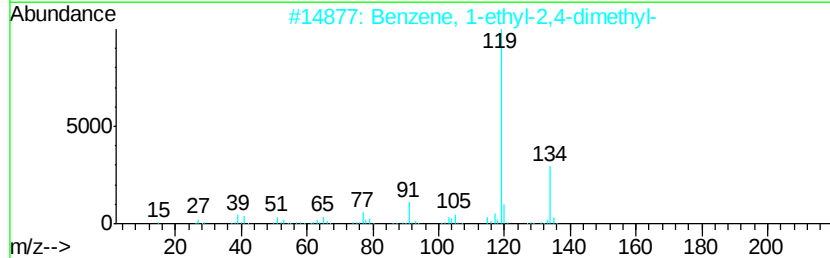
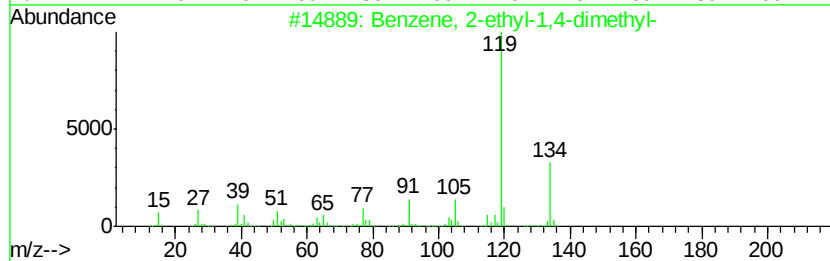
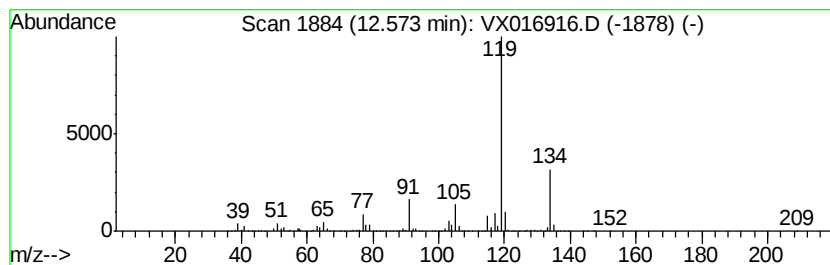
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	59.30 ug/l	3504440	1,4-Dichlorobenzene-d4	12.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



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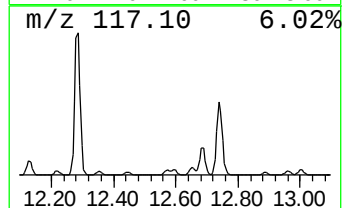
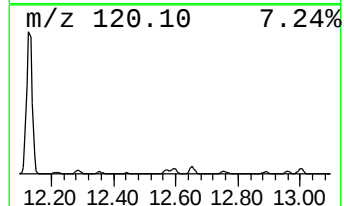
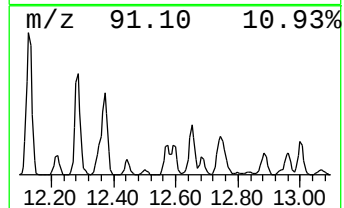
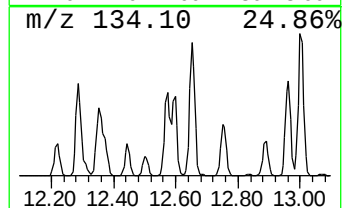
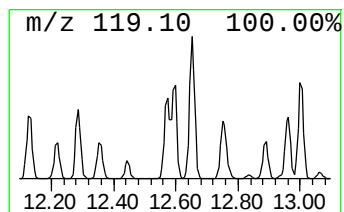
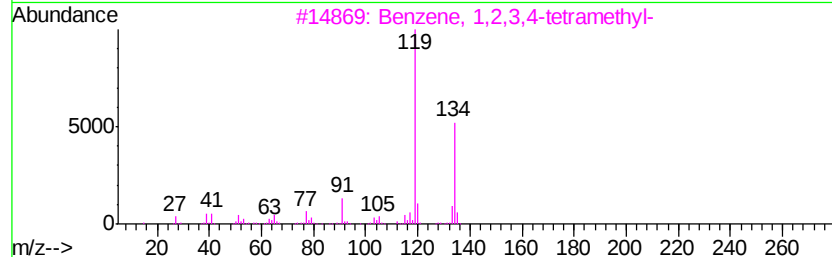
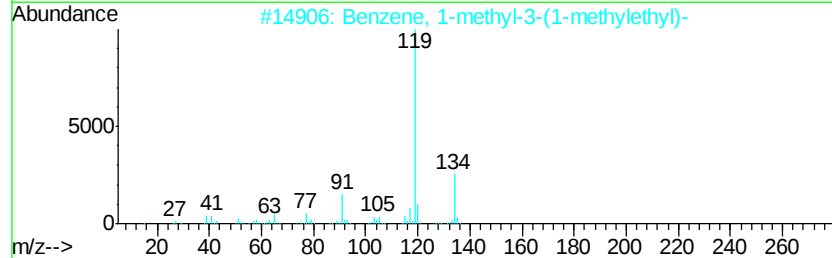
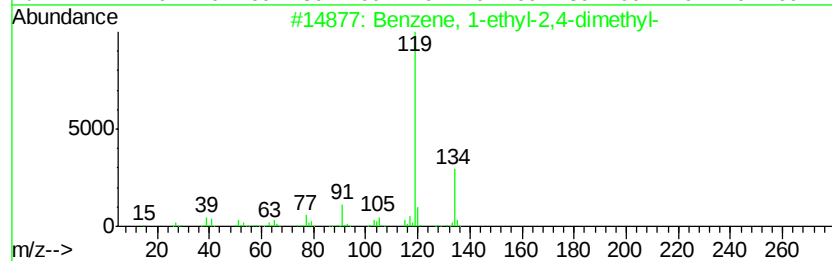
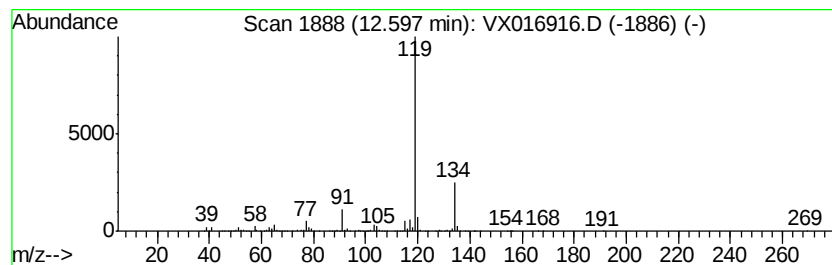
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	39.97 ug/l	2362140	1,4-Dichlorobenzene-d4	12.06

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016916.D
Acq On : 20 Jun 2020 08:09
Operator : JC/SP
Sample : L3066-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4

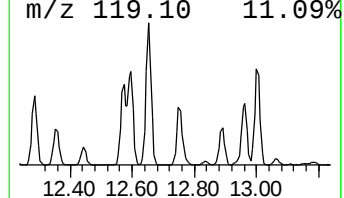
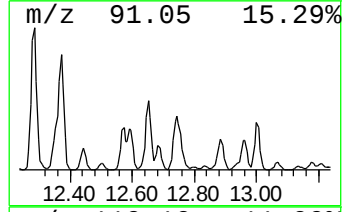
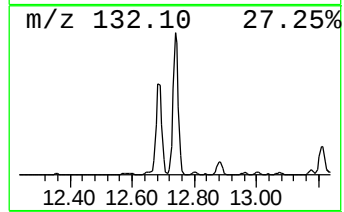
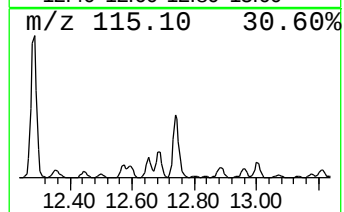
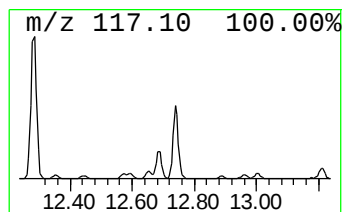
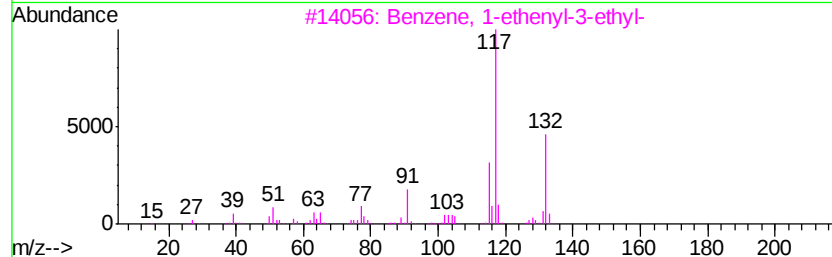
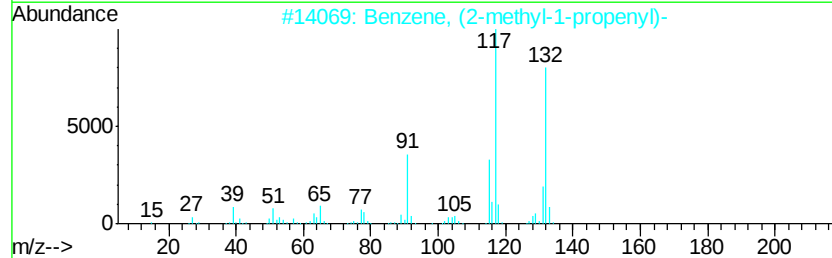
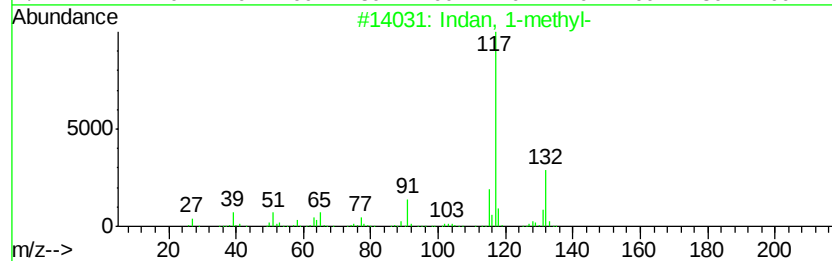
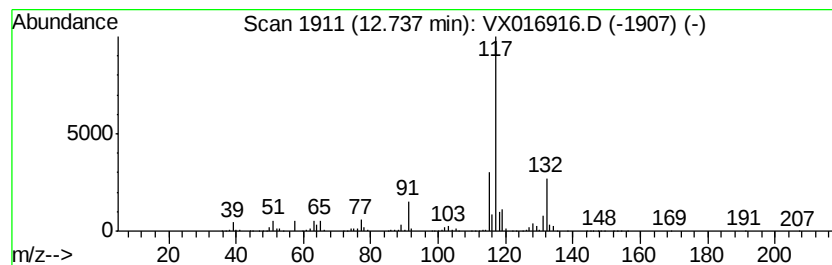
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Indan, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	101.79 ug/l	6015530	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indan, 1-methyl-	132	C10H12	000767-58-8	92
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016916.D
Acq On : 20 Jun 2020 08:09
Operator : JC/SP
Sample : L3066-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-4

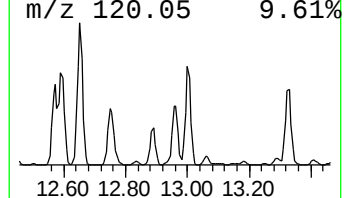
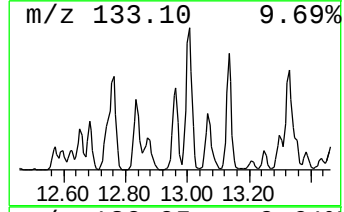
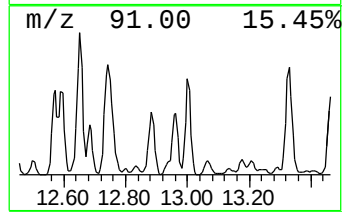
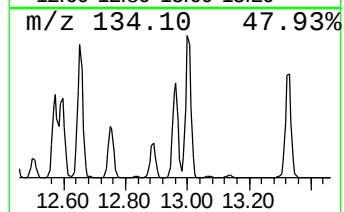
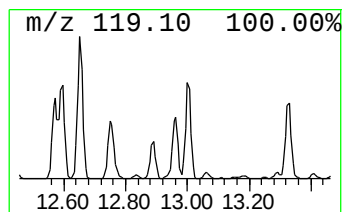
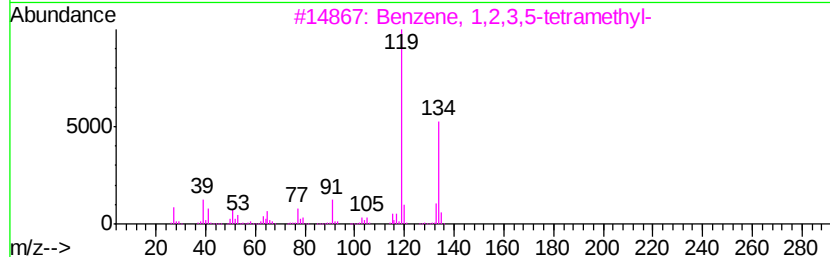
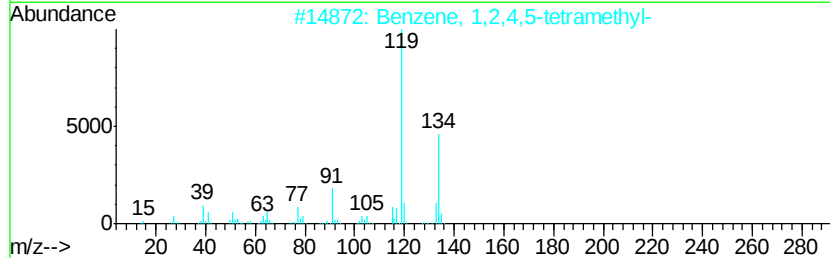
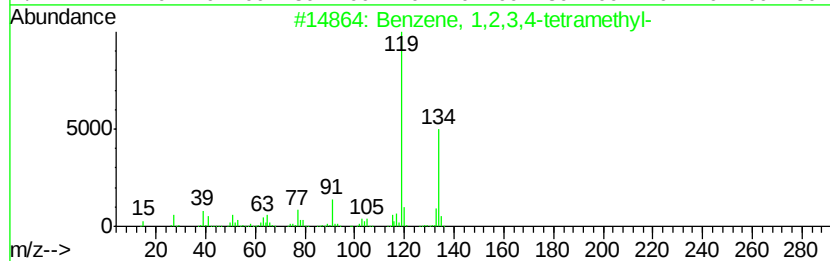
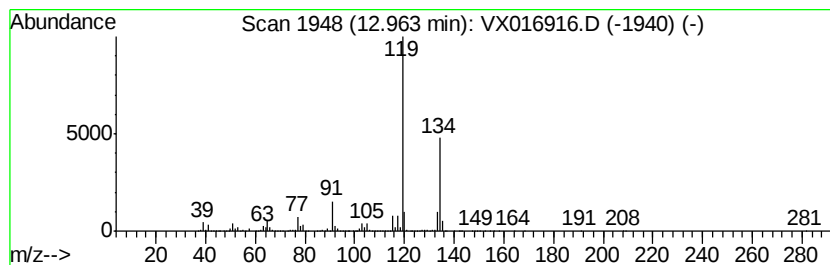
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	45.24 ug/l	2673810	1,4-Dichlorobenzene-d4	12.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016916.D
Acq On : 20 Jun 2020 08:09
Operator : JC/SP
Sample : L3066-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
MW-4

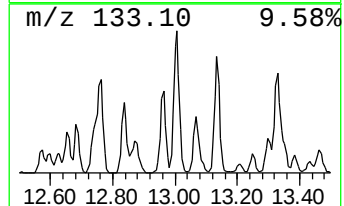
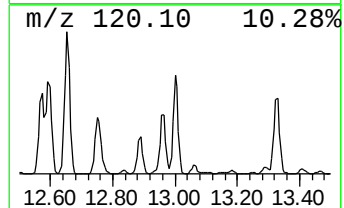
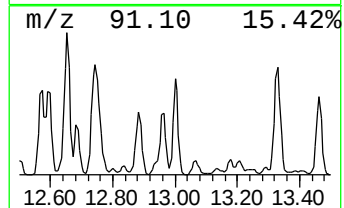
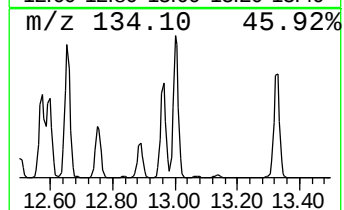
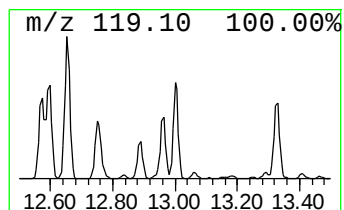
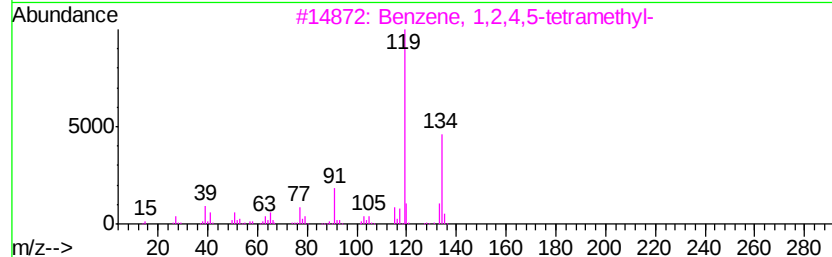
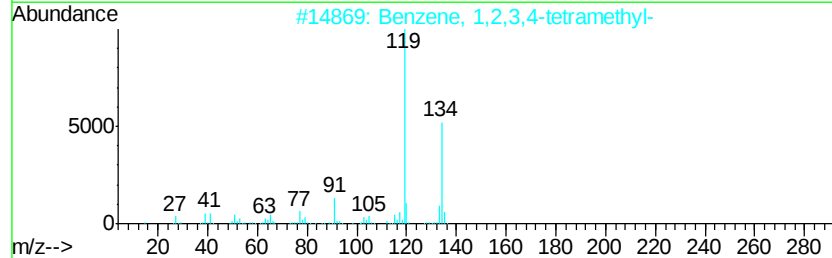
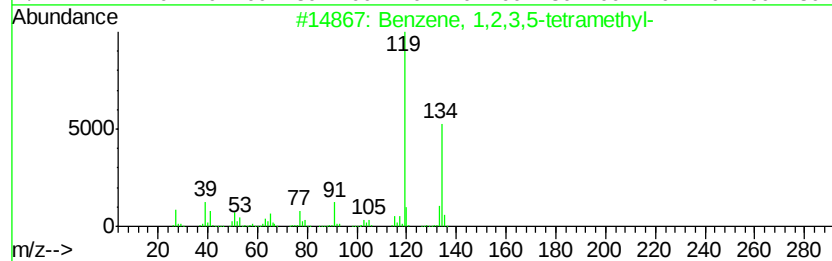
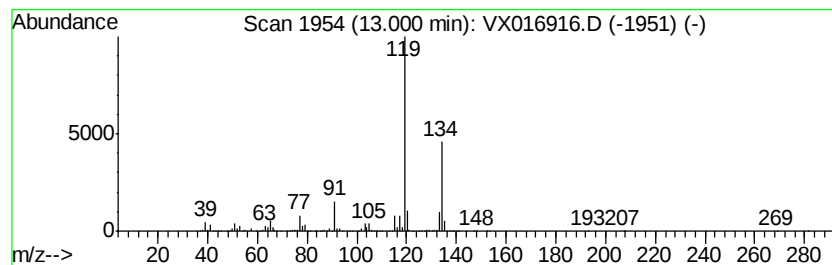
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	60.54 ug/l	3577530	1,4-Dichlorobenzene-d4	12.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016916.D
Acq On : 20 Jun 2020 08:09
Operator : JC/SP
Sample : L3066-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4

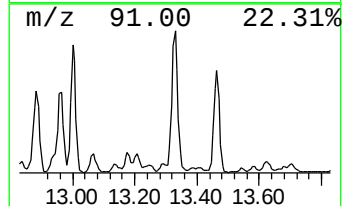
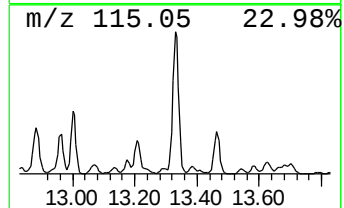
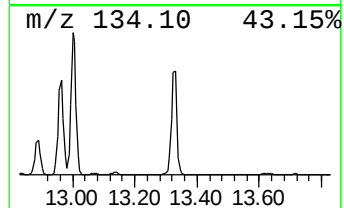
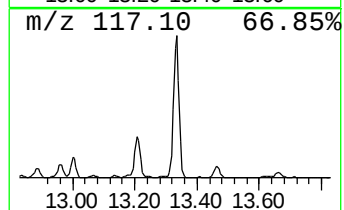
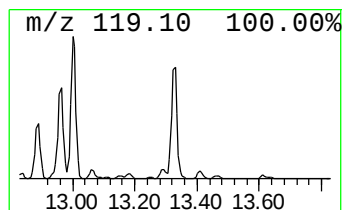
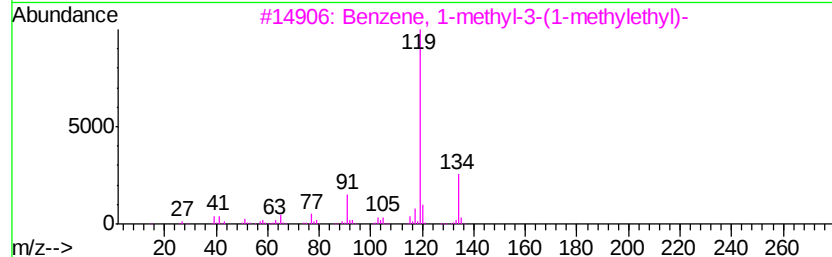
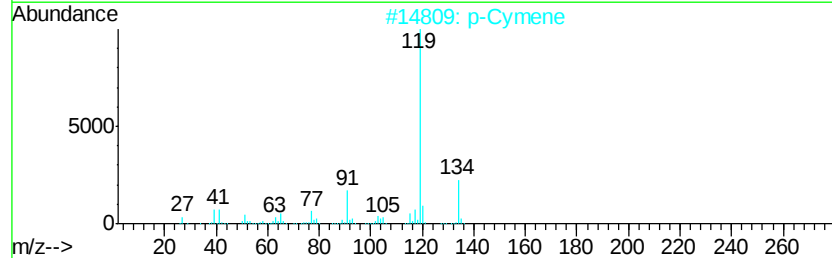
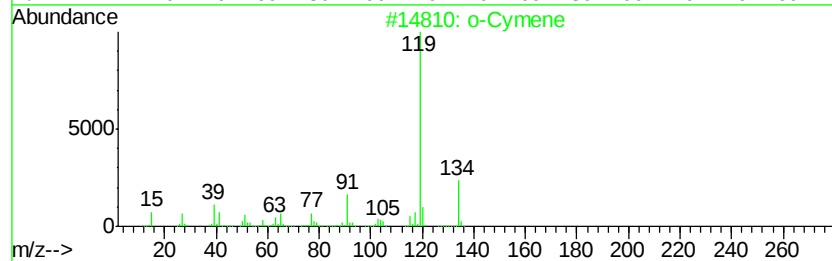
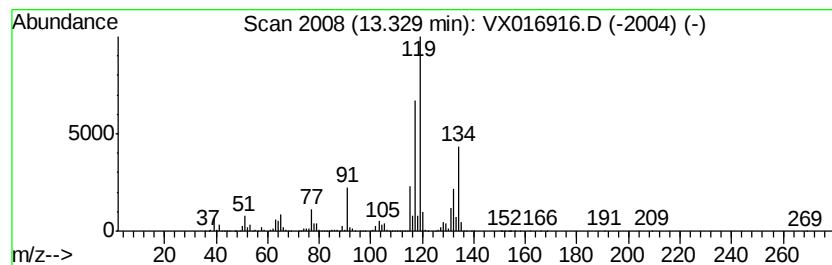
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	86.09 ug/l	5087870	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	60
2		p-Cymene	134	C10H14	000099-87-6	60
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	60
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016916.D
Acq On : 20 Jun 2020 08:09
Operator : JC/SP
Sample : L3066-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.16	38.2	ug/l	646340	1	5.64	845184	50.0
Benzene, 1-ethyl-...	11.44	53.5	ug/l	3164360	4	12.06	2954830	50.0
Benzene, 1-etheny...	12.29	207.6	ug/l	12268200	4	12.06	2954830	50.0
Benzene, 2-ethyl-...	12.57	59.3	ug/l	3504440	4	12.06	2954830	50.0
Benzene, 1-ethyl-...	12.60	40.0	ug/l	2362140	4	12.06	2954830	50.0
Indan, 1-methyl-	12.74	101.8	ug/l	6015530	4	12.06	2954830	50.0
Benzene, 1,2,3,4-...	12.96	45.2	ug/l	2673810	4	12.06	2954830	50.0
Benzene, 1,2,3,5-...	13.00	60.5	ug/l	3577530	4	12.06	2954830	50.0
o-Cymene	13.33	86.1	ug/l	5087870	4	12.06	2954830	50.0