

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073099.D
 Acq On : 18 May 2022 15:16
 Operator : VA/SY
 Sample : N2813-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BUR-1103

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_D\Method\82D051722S.M
 Title : SW846 8260

Signal : TIC: VD073099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.149	367	379	401	rBV	4820012	13519108	46.91%	18.162%
2	4.432	413	427	451	rBV	2047529	6173660	21.42%	8.294%
3	7.908	1008	1018	1023	rBV2	238423	565940	1.96%	0.760%
4	7.973	1023	1029	1041	rVB	406326	896384	3.11%	1.204%
5	8.326	1073	1089	1098	rBV2	210053	661472	2.30%	0.889%
6	8.861	1169	1180	1189	rBV	588839	1219517	4.23%	1.638%
7	10.332	1422	1430	1436	rBV	988012	1773646	6.15%	2.383%
8	10.396	1436	1441	1448	rVB	246103	447294	1.55%	0.601%
9	11.637	1644	1652	1662	rBV	923353	1652900	5.73%	2.221%
10	11.731	1662	1668	1674	rBV	154310	297333	1.03%	0.399%
11	11.849	1677	1688	1697	rBV3	503845	1103933	3.83%	1.483%
12	12.167	1730	1742	1750	rBV3	449147	1206342	4.19%	1.621%
13	12.261	1750	1758	1762	rVB	172530	305347	1.06%	0.410%
14	12.449	1783	1790	1804	rBV	17455690	28821439	100.00%	38.719%
15	12.620	1814	1819	1824	rBV	842346	1318335	4.57%	1.771%
16	12.802	1843	1850	1855	rVB	246581	516582	1.79%	0.694%
17	12.873	1855	1862	1865	rBV	586740	1057583	3.67%	1.421%
18	12.937	1869	1873	1880	rVV2	1483868	2658780	9.23%	3.572%
19	13.108	1889	1902	1908	rBV	406608	954344	3.31%	1.282%
20	13.173	1909	1913	1919	rVB4	257234	436669	1.52%	0.587%
21	13.255	1921	1927	1933	rBV	993179	1587534	5.51%	2.133%
22	13.449	1953	1960	1964	rBV4	304799	583262	2.02%	0.784%
23	13.561	1973	1979	1983	rBV	1027678	1854983	6.44%	2.492%
24	13.655	1988	1995	2000	rBV	684533	1117056	3.88%	1.501%
25	13.755	2008	2012	2016	rBV2	475202	728351	2.53%	0.978%
26	13.796	2016	2019	2028	rVB3	389498	818153	2.84%	1.099%
27	13.878	2028	2033	2039	rBV3	509070	772907	2.68%	1.038%
28	14.102	2066	2071	2076	rVB	266209	420826	1.46%	0.565%
29	14.208	2084	2089	2095	rVB3	254848	426492	1.48%	0.573%
30	14.814	2184	2192	2197	rBV3	252805	541900	1.88%	0.728%

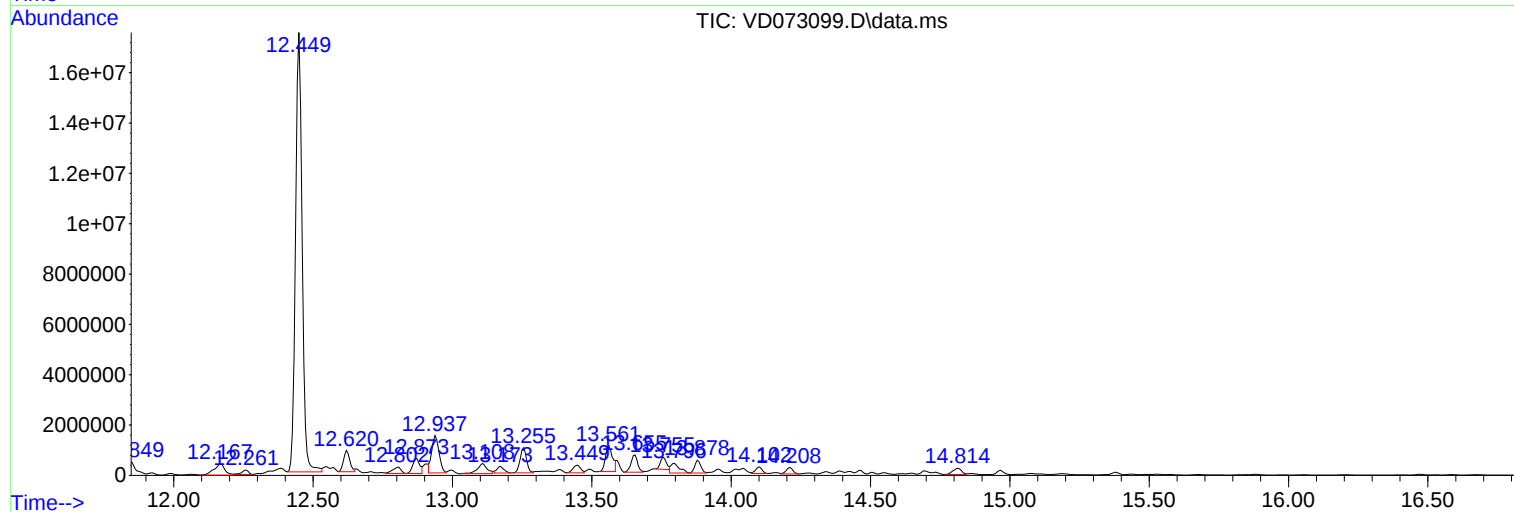
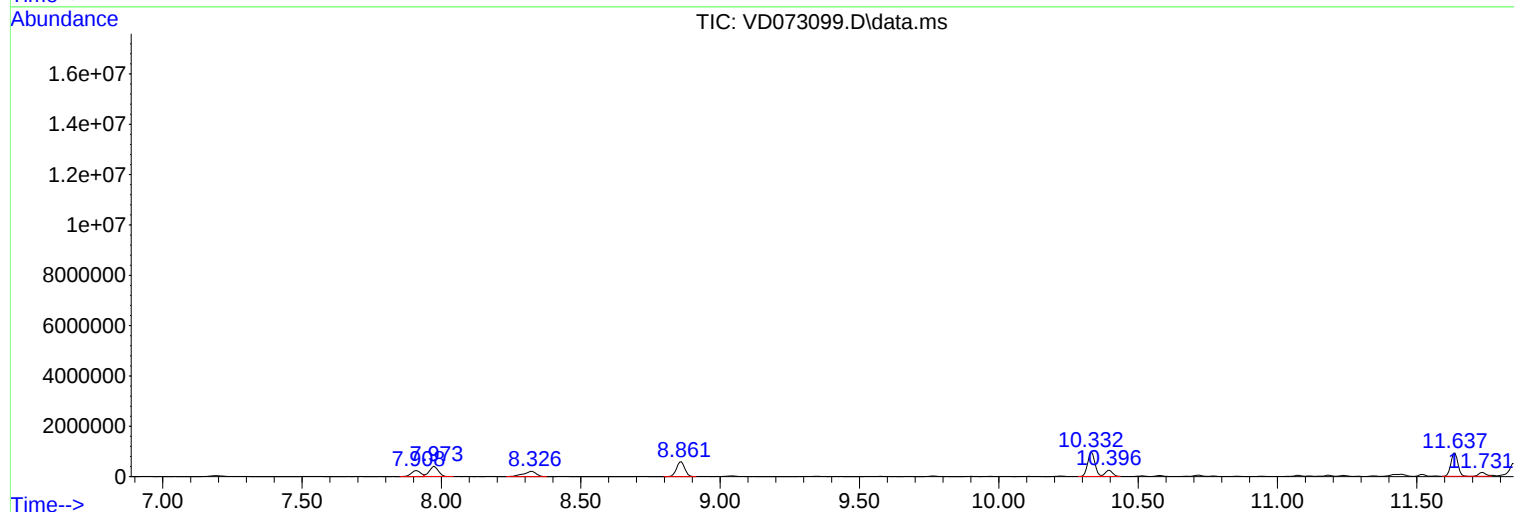
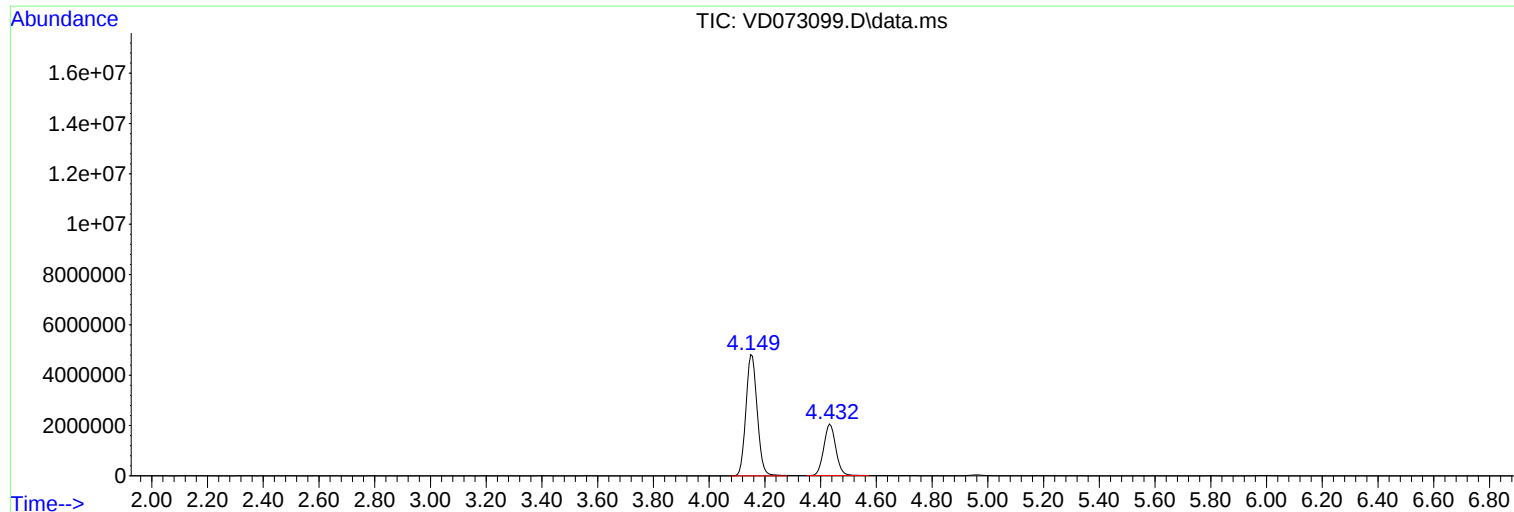
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ClientSampleId :
BUR-1103

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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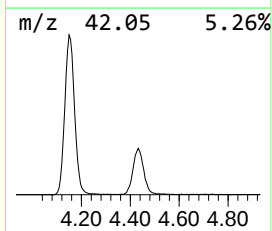
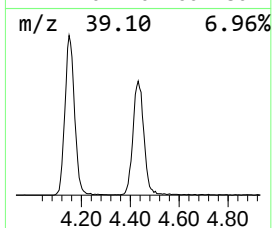
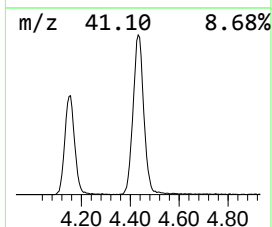
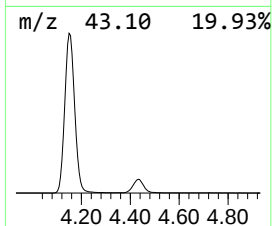
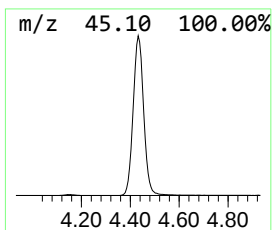
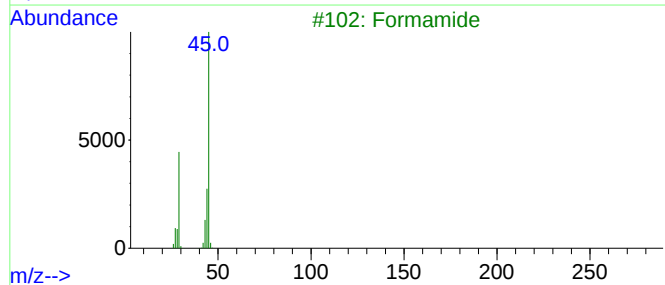
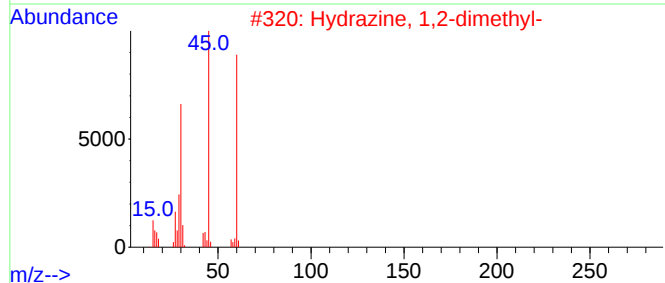
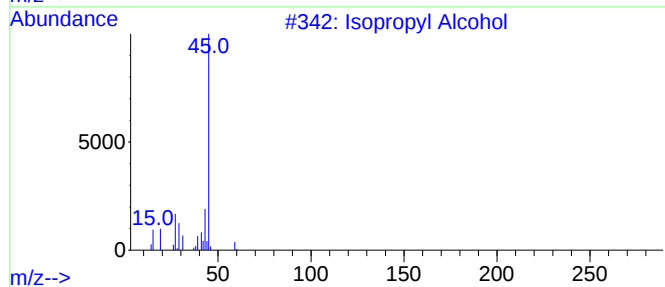
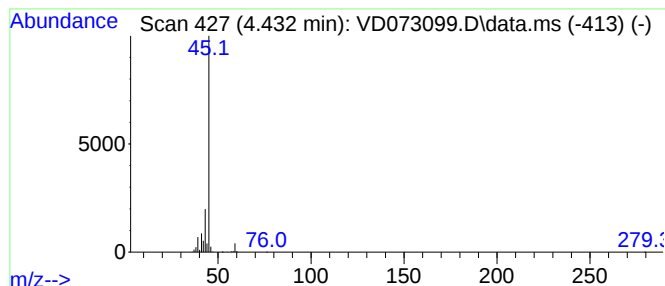
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.432	344.37 ug/l	6173660	Pentafluorobenzene	7.973

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
3			Formamide	45	CH3NO	000075-12-7	5
4			Hydrazine, ethyl-	60	C2H8N2	000624-80-6	4
5			4-Penten-2-ol	86	C5H10O	000625-31-0	4



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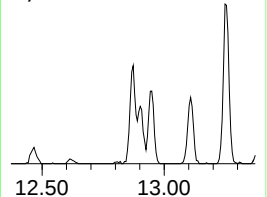
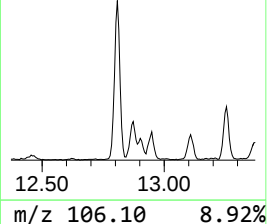
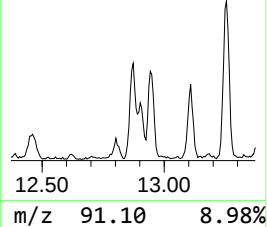
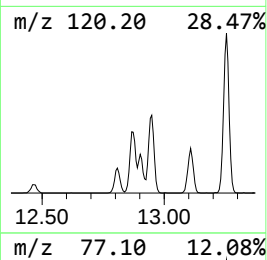
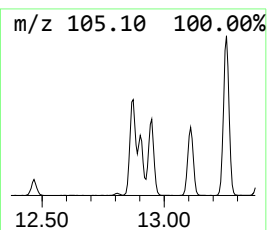
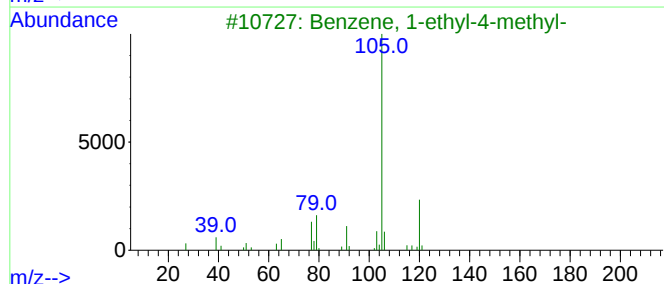
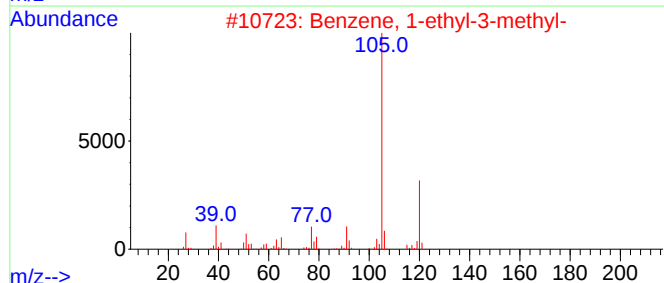
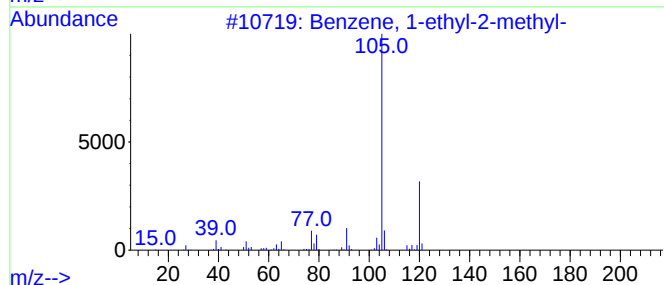
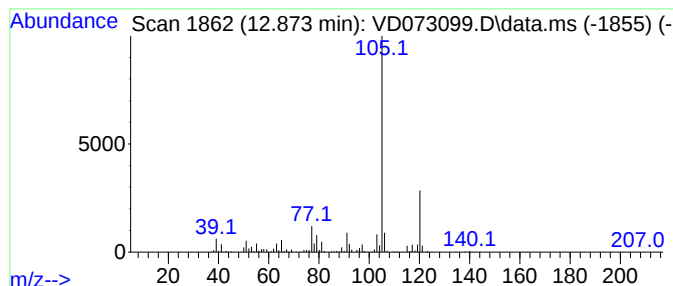
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	28.51 ug/l	1057580	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Mesitylene	120	C9H12	000108-67-8	87
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87



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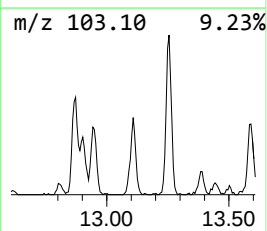
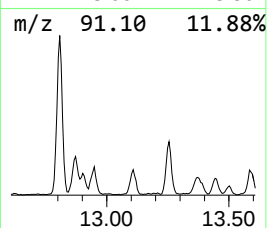
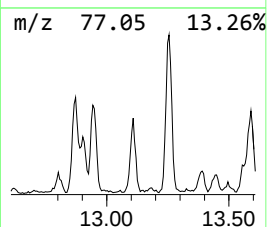
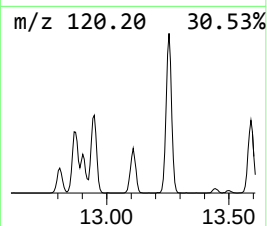
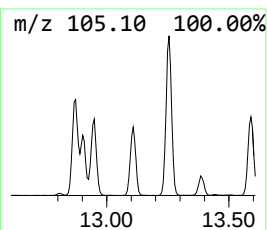
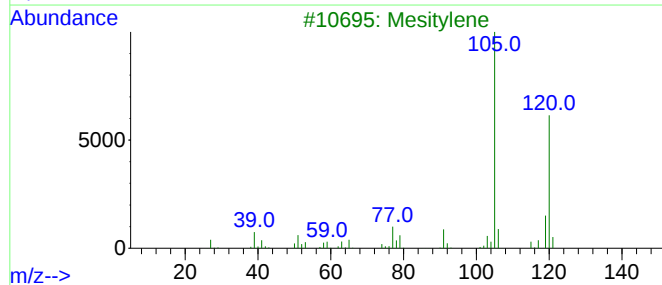
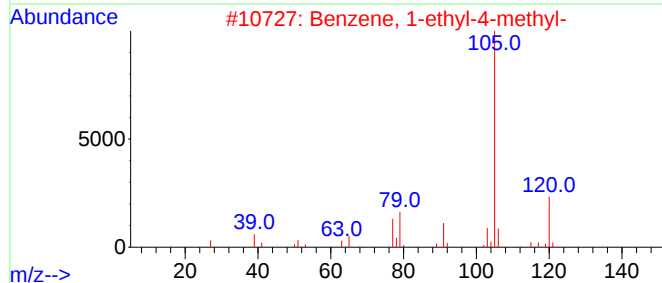
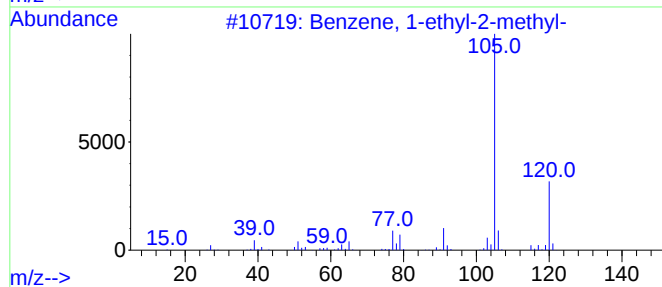
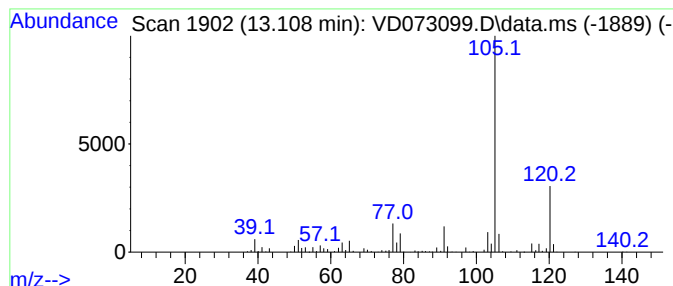
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.108	25.72 ug/l	954344	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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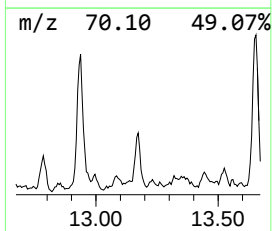
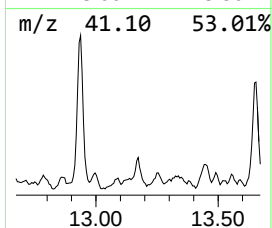
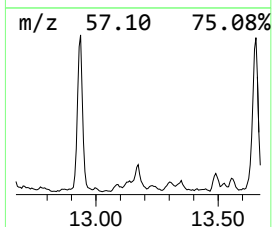
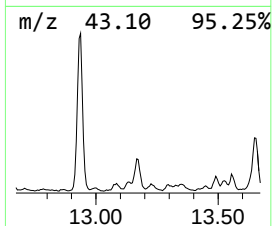
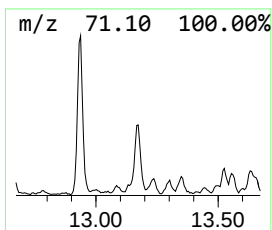
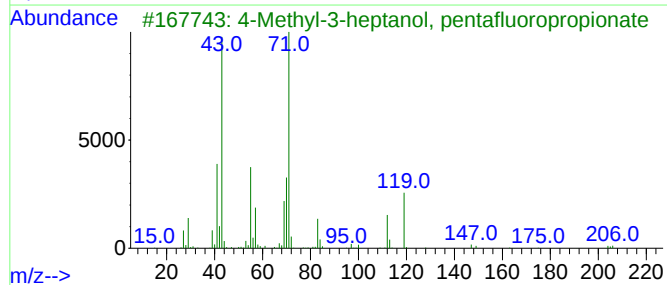
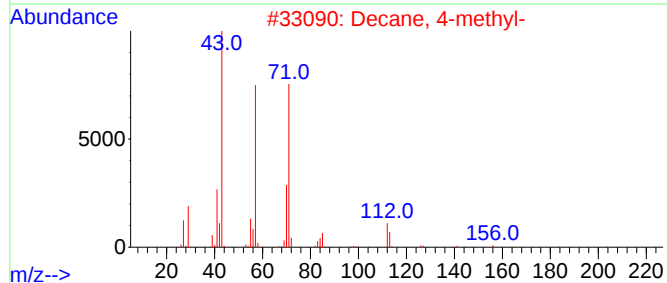
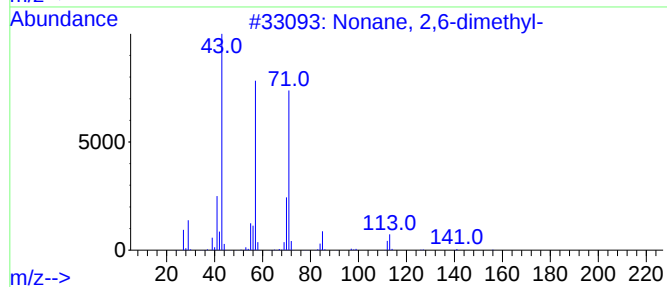
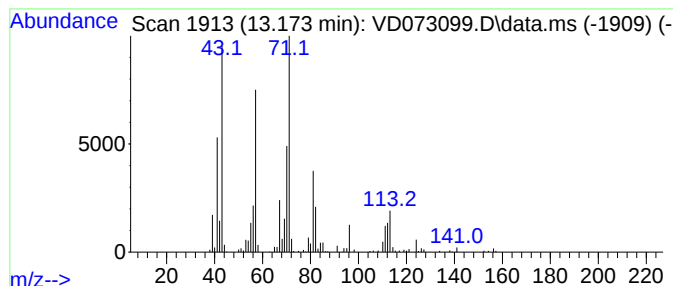
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown13.173 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.173	11.77 ug/l	436669	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	47
2			Decane, 4-methyl-	156	C11H24	002847-72-5	46
3			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	43
4			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	43
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43



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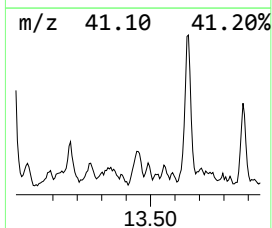
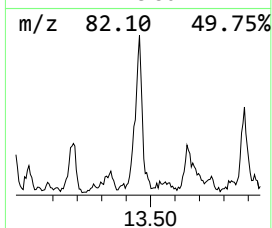
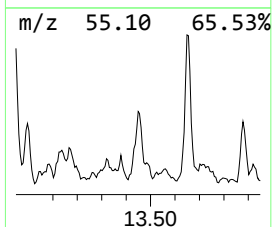
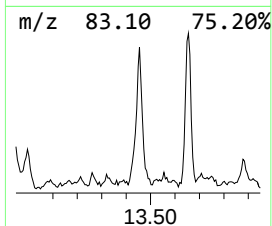
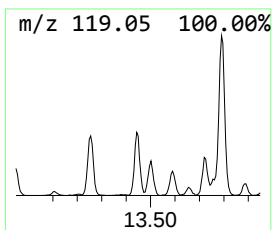
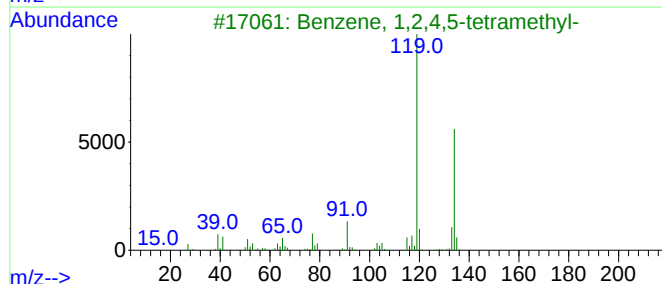
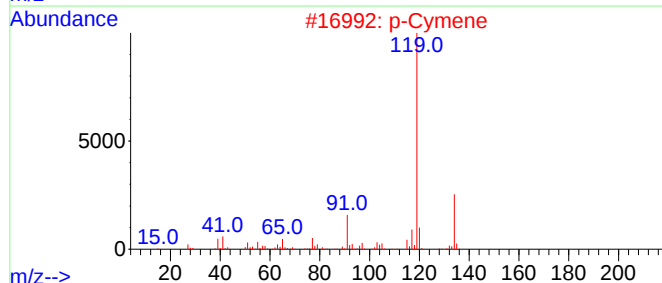
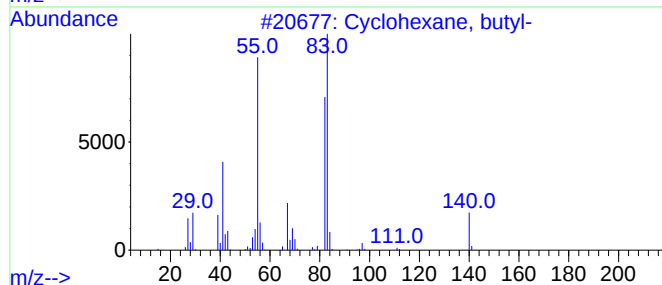
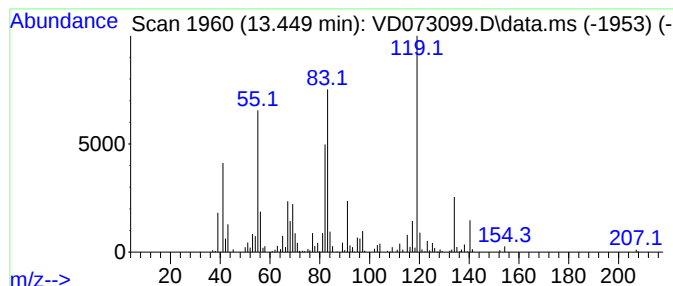
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown13.449 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	15.72 ug/l	583262	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	43
2			p-Cymene	134	C10H14	000099-87-6	42
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38



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ClientSampleId :
BUR-1103

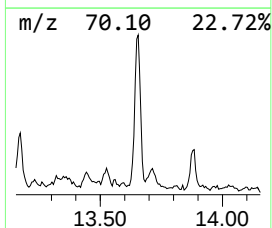
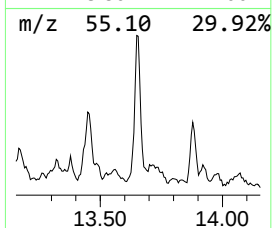
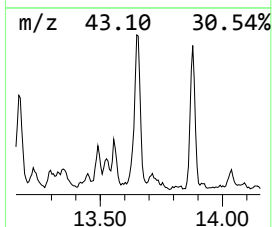
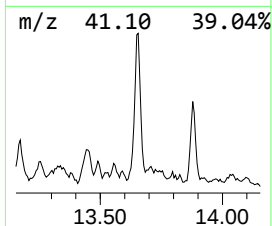
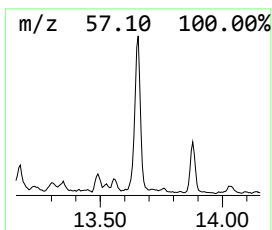
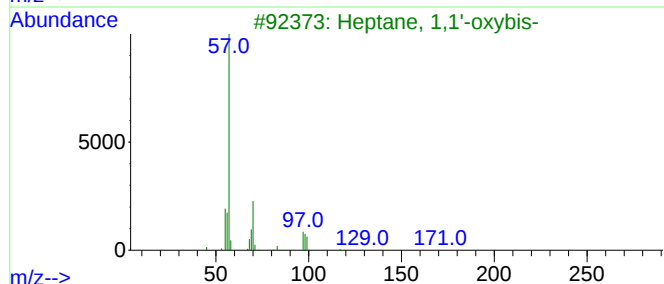
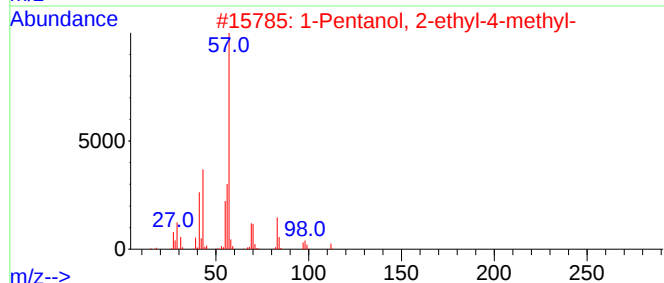
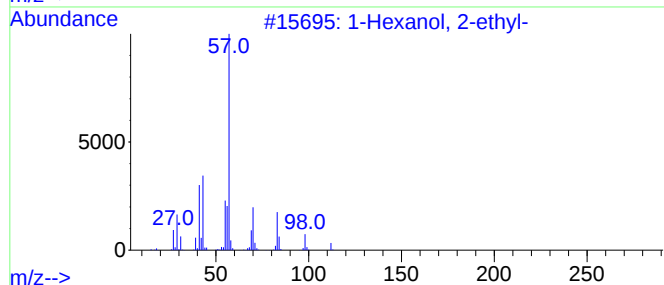
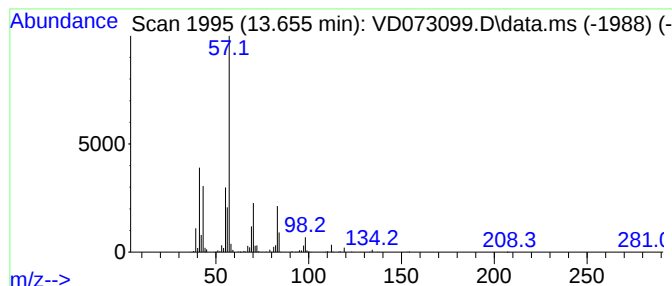
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.655	30.11 ug/l	1117060	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
3			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5			Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
Data File : VD073099.D
Acq On : 18 May 2022 15:16
Operator : VA/SY
Sample : N2813-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

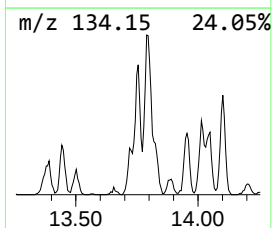
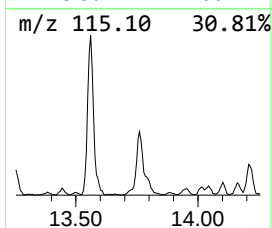
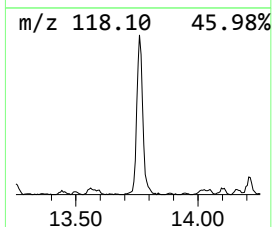
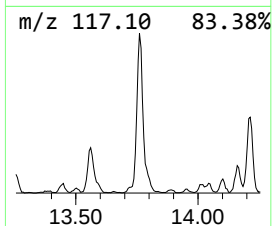
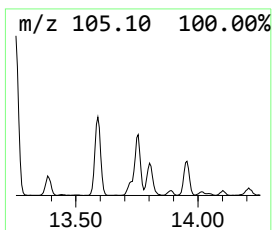
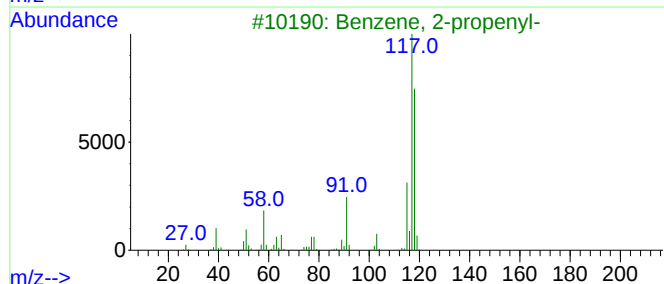
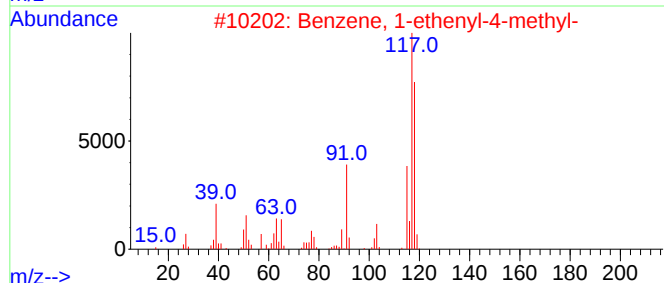
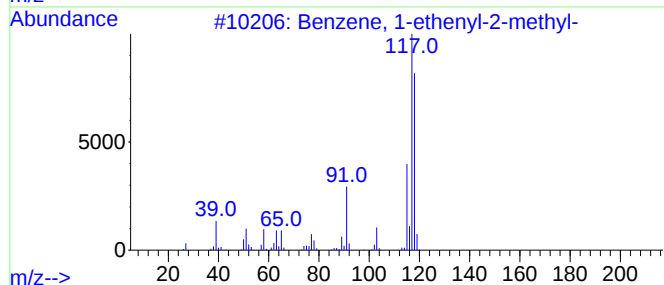
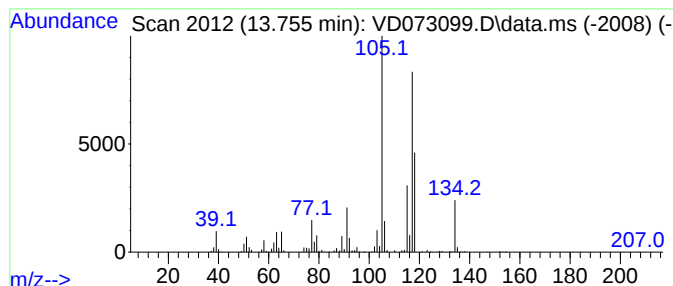
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethenyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	19.63 ug/l	728351	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
2			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5			Indane	118	C9H10	000496-11-7	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
Data File : VD073099.D
Acq On : 18 May 2022 15:16
Operator : VA/SY
Sample : N2813-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

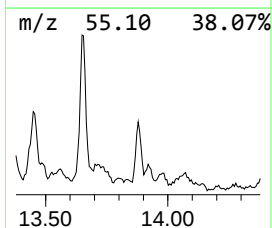
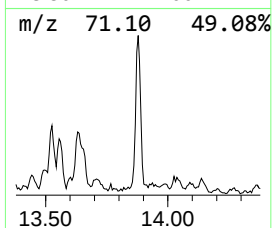
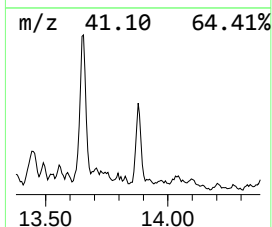
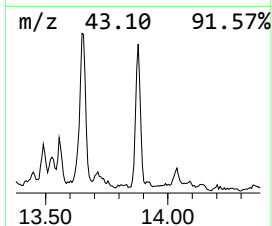
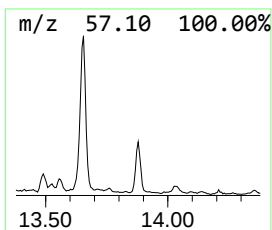
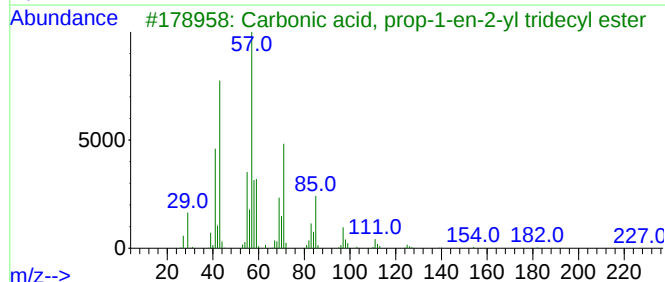
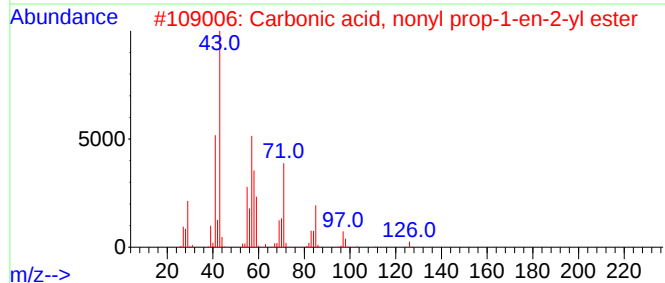
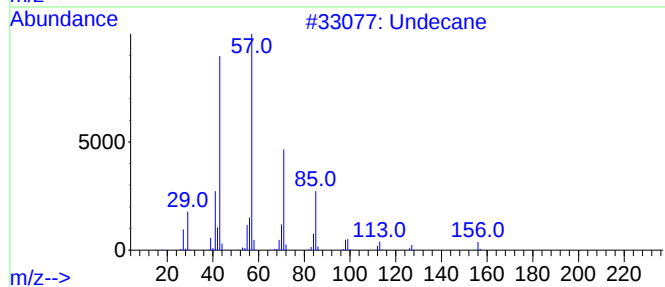
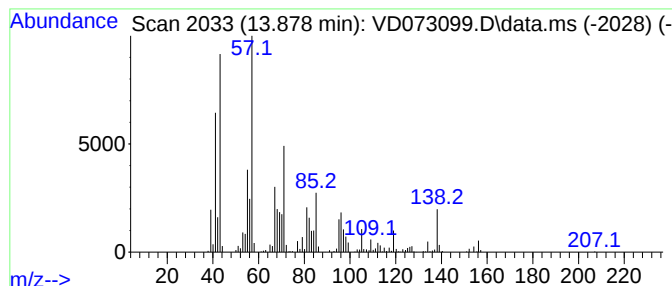
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown13.878 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.878	20.83 ug/l	772907	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	46
2			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	43
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	43
4			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	43
5			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
Data File : VD073099.D
Acq On : 18 May 2022 15:16
Operator : VA/SY
Sample : N2813-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

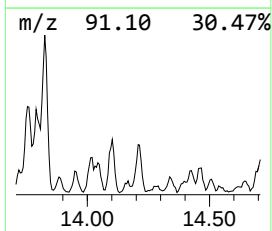
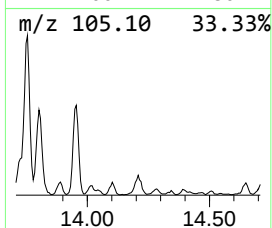
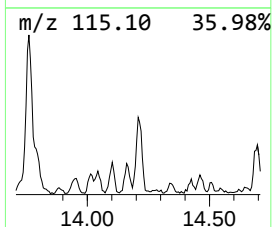
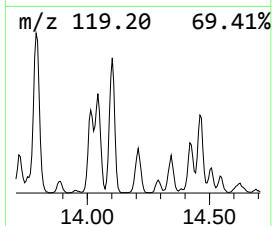
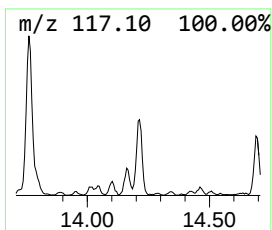
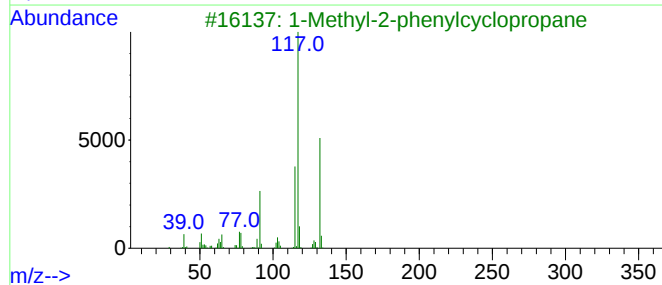
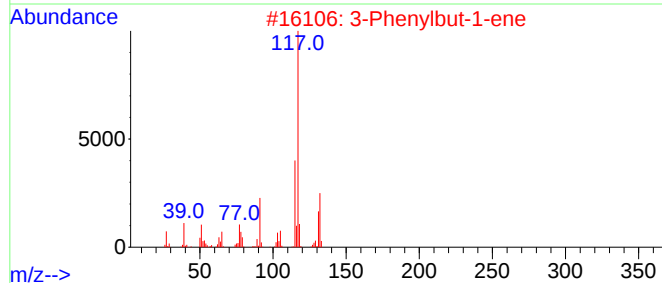
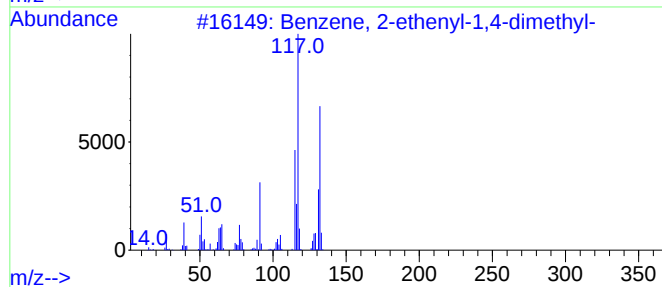
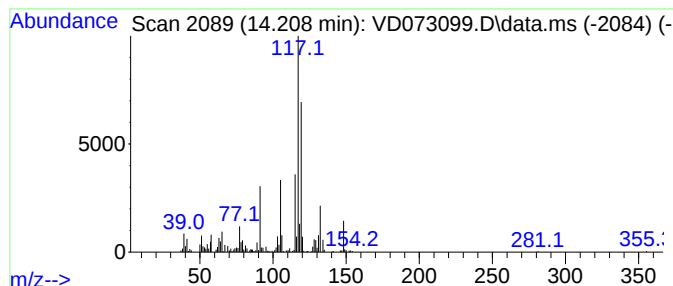
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.208	11.50 ug/l	426492	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	53
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	53
5			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
Data File : VD073099.D
Acq On : 18 May 2022 15:16
Operator : VA/SY
Sample : N2813-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

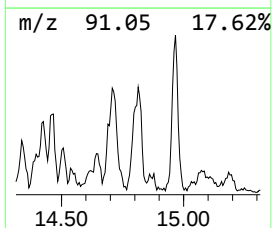
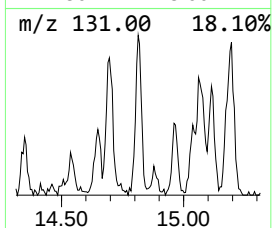
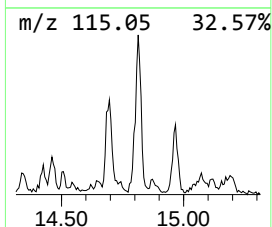
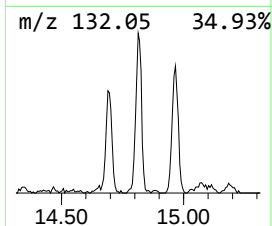
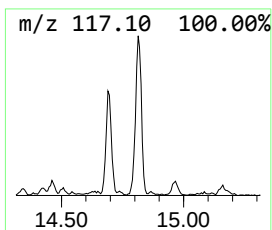
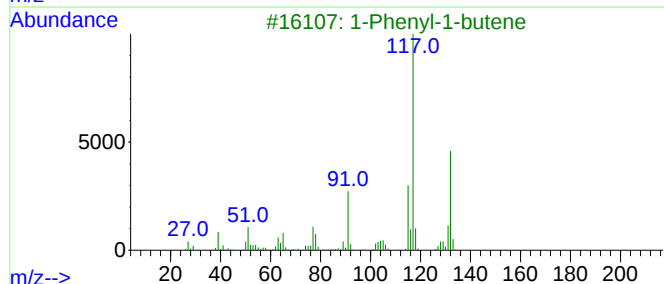
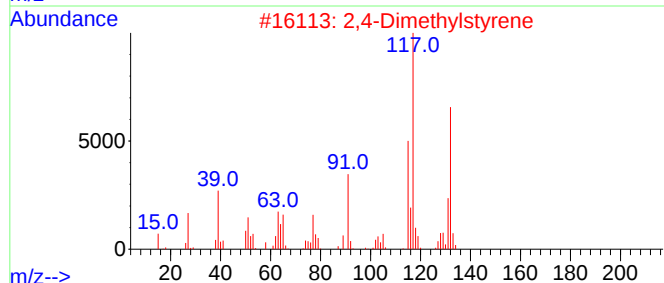
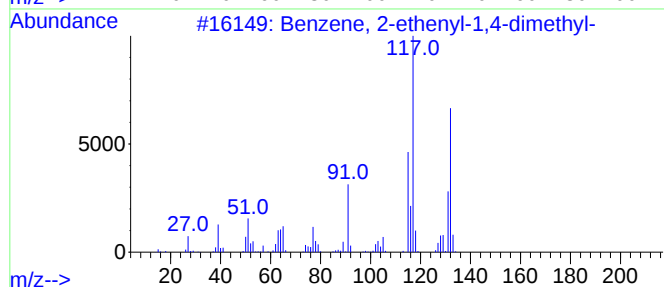
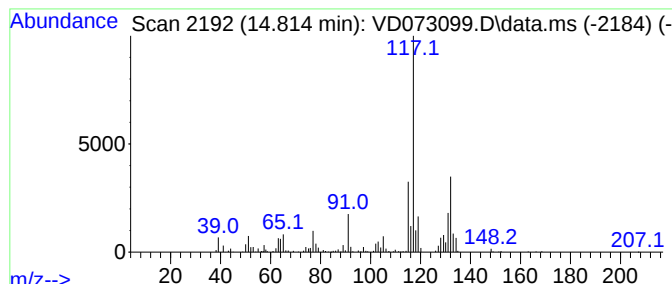
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2,4-Dimethylstyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	14.61 ug/l	541900	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4			Indan, 1-methyl-	132	C10H12	000767-58-8	87
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
Data File : VD073099.D
Acq On : 18 May 2022 15:16
Operator : VA/SY
Sample : N2813-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BUR-1103

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	4.432	344.4	ug/l	6173660	1	7.973	896384	50.0
Benzene, 1-ethy...	12.873	28.5	ug/l	1057580	4	13.561	1854980	50.0
Benzene, 1-ethy...	13.108	25.7	ug/l	954344	4	13.561	1854980	50.0
unknown13.173	13.173	11.8	ug/l	436669	4	13.561	1854980	50.0
unknown13.449	13.449	15.7	ug/l	583262	4	13.561	1854980	50.0
1-Hexanol, 2-et...	13.655	30.1	ug/l	1117060	4	13.561	1854980	50.0
Benzene, 1-ethe...	13.755	19.6	ug/l	728351	4	13.561	1854980	50.0
unknown13.878	13.878	20.8	ug/l	772907	4	13.561	1854980	50.0
Benzene, 2-ethe...	14.208	11.5	ug/l	426492	4	13.561	1854980	50.0
2,4-Dimethylsty...	14.814	14.6	ug/l	541900	4	13.561	1854980	50.0