

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009459.D
 Acq On : 06 Jul 2022 17:15
 Operator : KP/MD
 Sample : N3605-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-2-070622

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_Y\methods\82Y062822S.M
 Title : SW846 8260

Signal : TIC: VY009459.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.710	462	474	488	rBV2	33476	110000	7.24%	0.611%
2	5.735	630	642	655	rBV3	9036	27100	1.78%	0.150%
3	6.972	831	845	857	rBV2	20683	65819	4.33%	0.365%
4	7.710	954	966	972	rBV	109101	265033	17.45%	1.472%
5	7.783	972	978	993	rVB	242872	546473	35.98%	3.035%
6	8.130	1022	1035	1049	rBV3	114182	276326	18.19%	1.534%
7	8.685	1117	1126	1135	rBV	385508	760155	50.05%	4.221%
8	10.173	1362	1370	1378	rBV	459405	788699	51.93%	4.380%
9	10.575	1430	1436	1441	rBV3	9231	17332	1.14%	0.096%
10	10.941	1490	1496	1503	rBV	39811	67213	4.43%	0.373%
11	11.276	1542	1551	1556	rBV4	13795	34051	2.24%	0.189%
12	11.374	1562	1567	1572	rBV2	11979	19063	1.26%	0.106%
13	11.483	1578	1585	1597	rBV	584421	954676	62.86%	5.301%
14	11.709	1611	1622	1629	rBV4	74234	162157	10.68%	0.900%
15	11.776	1629	1633	1638	rVB3	16636	27426	1.81%	0.152%
16	12.002	1662	1670	1677	rBV6	35505	110217	7.26%	0.612%
17	12.118	1685	1689	1693	rVB	44060	59162	3.90%	0.329%
18	12.197	1697	1702	1704	rBV3	27637	41468	2.73%	0.230%
19	12.233	1704	1708	1714	rVV4	50333	106626	7.02%	0.592%
20	12.319	1718	1722	1725	rBV5	11808	20323	1.34%	0.113%
21	12.386	1725	1733	1734	rVV4	36345	87015	5.73%	0.483%
22	12.410	1734	1737	1739	rVV	85569	122747	8.08%	0.682%
23	12.435	1739	1741	1744	rVV	87652	113360	7.46%	0.629%
24	12.477	1744	1748	1752	rVV	361702	555712	36.59%	3.086%
25	12.520	1752	1755	1759	rVV	90147	114727	7.55%	0.637%
26	12.569	1759	1763	1766	rVV5	18829	22282	1.47%	0.124%
27	12.642	1771	1775	1782	rVB4	49760	106632	7.02%	0.592%
28	12.727	1782	1789	1793	rBV3	83699	180550	11.89%	1.003%
29	12.800	1793	1801	1806	rBV2	837881	1288558	84.84%	7.155%
30	12.855	1806	1810	1815	rVB2	96933	156412	10.30%	0.869%
31	12.910	1815	1819	1820	rBV3	20047	25509	1.68%	0.142%
32	12.947	1821	1825	1831	rBV3	67583	175555	11.56%	0.975%
33	13.002	1831	1834	1836	rBV3	41117	50058	3.30%	0.278%
34	13.038	1836	1840	1846	rVB	287315	436304	28.73%	2.423%
35	13.111	1846	1852	1857	rBV2	93430	204692	13.48%	1.137%
36	13.166	1857	1861	1866	rBV2	66559	108802	7.16%	0.604%

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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

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37	13.221	1866	1870	1872	rBV3	59258	88985	5.86%	0.494%
38	13.312	1878	1885	1889	rBV4	225587	476715	31.39%	2.647%
39	13.361	1889	1893	1896	rVV3	184986	298760	19.67%	1.659%
40	13.422	1896	1903	1912	rVV3	787391	1518772	100.00%	8.434%
41	13.501	1912	1916	1920	rVV3	140044	188158	12.39%	1.045%
42	13.617	1931	1935	1939	rVB	172432	254417	16.75%	1.413%
43	13.666	1939	1943	1946	rBV3	102094	167008	11.00%	0.927%
44	13.751	1951	1957	1961	rBV	904353	1355839	89.27%	7.529%
45	13.794	1961	1964	1966	rBV3	47623	60930	4.01%	0.338%
46	13.910	1980	1983	1988	rVB4	118711	172480	11.36%	0.958%
47	13.965	1988	1992	1997	rVB	141141	211801	13.95%	1.176%
48	14.014	1997	2000	2005	rVB3	98173	149179	9.82%	0.828%
49	14.074	2005	2010	2015	rBV2	177312	270702	17.82%	1.503%
50	14.142	2015	2021	2026	rBV7	68771	146160	9.62%	0.812%
51	14.257	2026	2040	2045	rBV8	191949	672184	44.26%	3.733%
52	14.312	2046	2049	2056	rVB2	100046	210842	13.88%	1.171%
53	14.379	2056	2060	2063	rBV3	107386	139895	9.21%	0.777%
54	14.416	2063	2066	2071	rVB3	107802	149472	9.84%	0.830%
55	14.477	2072	2076	2079	rBV4	36146	52834	3.48%	0.293%
56	14.520	2079	2083	2086	rBV	45273	53332	3.51%	0.296%
57	14.562	2086	2090	2092	rVV2	77429	117494	7.74%	0.652%
58	14.611	2093	2098	2102	rVB	337905	508464	33.48%	2.823%
59	14.678	2103	2109	2114	rBV5	220600	465850	30.67%	2.587%
60	14.727	2114	2117	2124	rVB2	157407	249476	16.43%	1.385%
61	14.830	2130	2134	2142	rVB	162761	251885	16.58%	1.399%
62	14.940	2148	2152	2155	rVB3	50855	69133	4.55%	0.384%
63	14.977	2155	2158	2164	rBV4	22998	31284	2.06%	0.174%
64	15.050	2164	2170	2175	rBV4	54071	110520	7.28%	0.614%
65	15.208	2190	2196	2205	rBV6	81661	179807	11.84%	0.998%
66	15.288	2205	2209	2213	rVV	61302	115286	7.59%	0.640%
67	15.349	2215	2219	2229	rVV6	57310	190921	12.57%	1.060%
68	15.434	2229	2233	2241	rVB3	114110	195337	12.86%	1.085%
69	15.519	2241	2247	2255	rBV5	42845	115116	7.58%	0.639%
70	15.599	2258	2260	2265	rVB4	27724	41116	2.71%	0.228%
71	15.690	2271	2275	2276	rBV4	16443	25494	1.68%	0.142%
72	15.727	2277	2281	2287	rVB	94158	166881	10.99%	0.927%
73	15.885	2303	2307	2313	rVB4	19422	37861	2.49%	0.210%
74	16.031	2324	2331	2336	rBV2	54131	113955	7.50%	0.633%
75	16.153	2348	2351	2355	rVB3	11816	16803	1.11%	0.093%
76	16.220	2358	2362	2369	rVV2	32081	63912	4.21%	0.355%

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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

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Peak separation: 5

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Title : SW846 8260

77	16.288	2369	2373	2379	rVV4	14988	27067	1.78%	0.150%
78	16.355	2381	2384	2390	rVB2	14998	24608	1.62%	0.137%
79	16.477	2399	2404	2405	rBV5	12726	17955	1.18%	0.100%
80	16.617	2424	2427	2436	rVB7	11181	25742	1.69%	0.143%

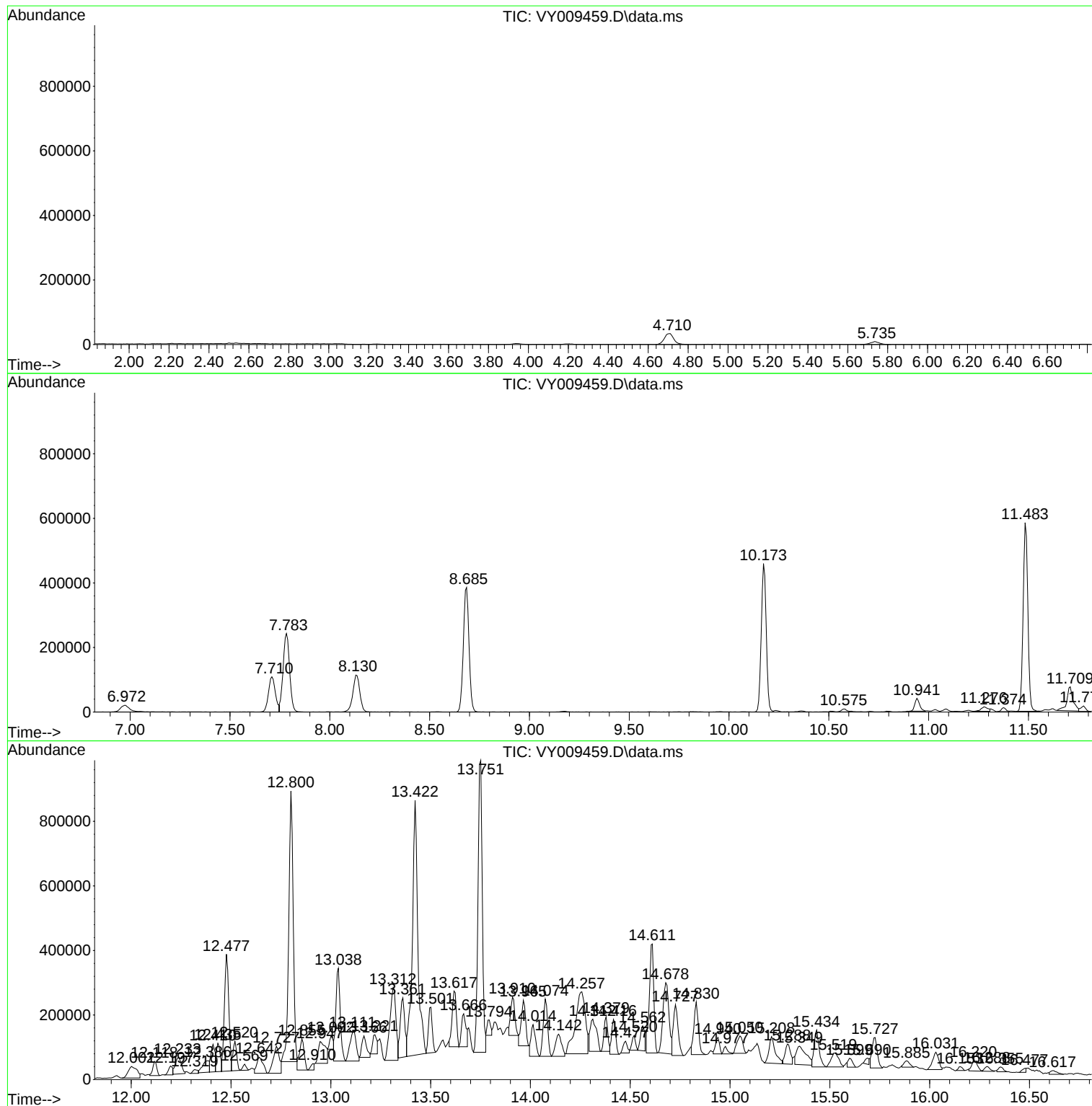
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
OE-2-070622

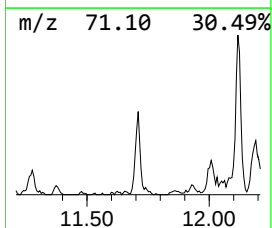
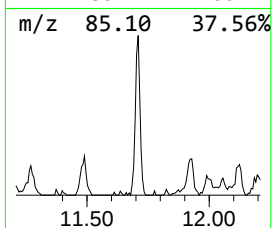
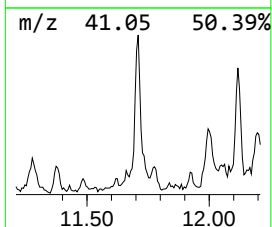
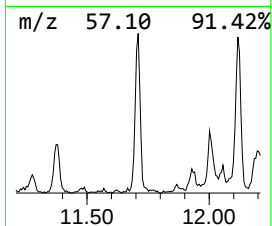
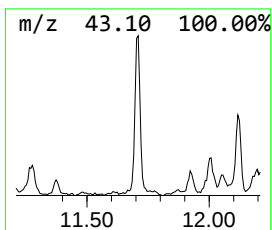
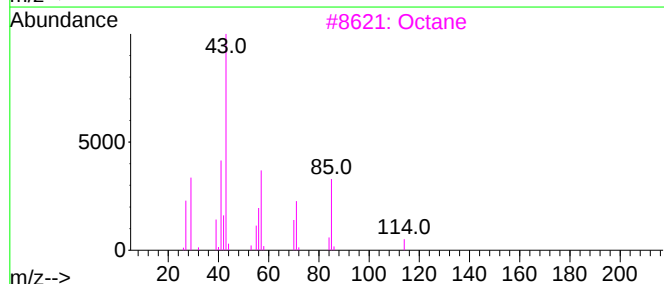
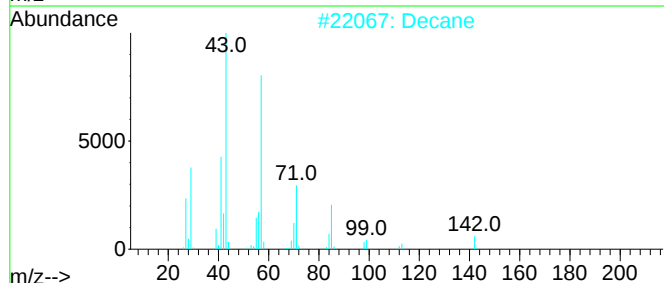
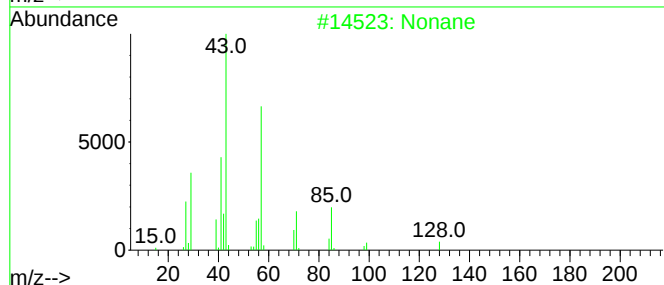
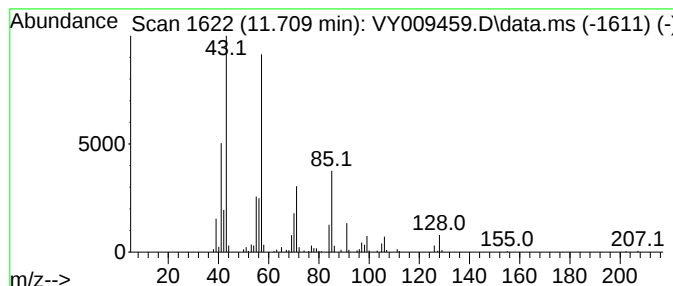
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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

Peak Number 2 Nonane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.709	8.49 ug/l	162157	Chlorobenzene-d5	11.483

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	93
2			Decane	142	C10H22	000124-18-5	72
3			Octane	114	C8H18	000111-65-9	53
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50



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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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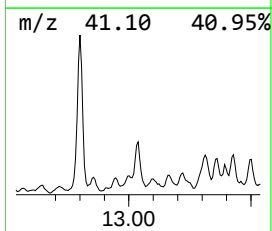
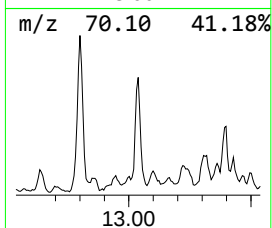
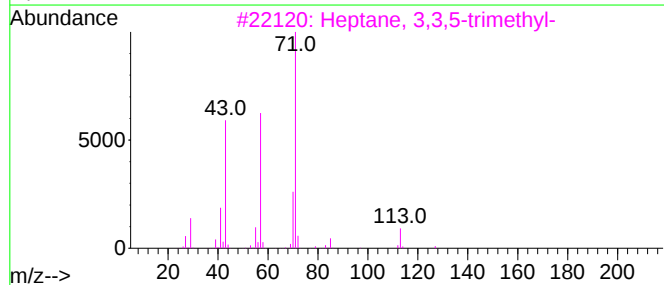
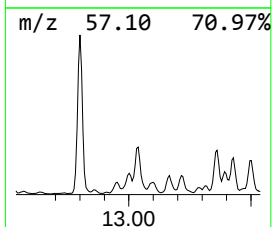
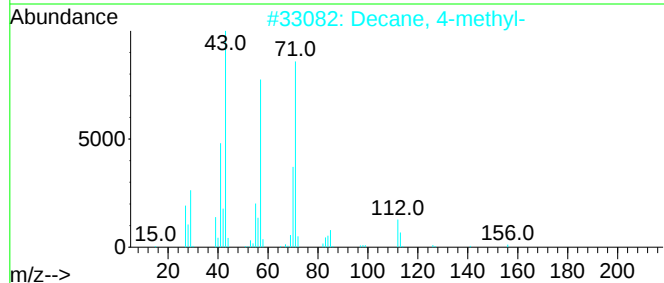
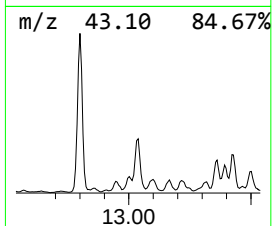
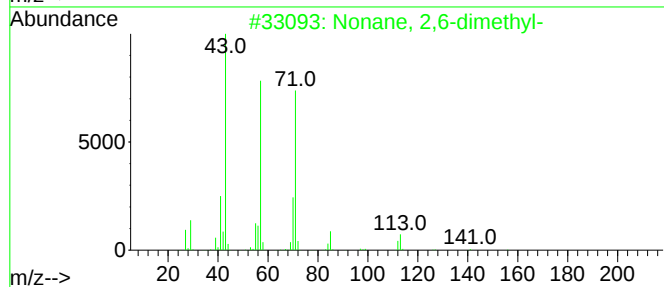
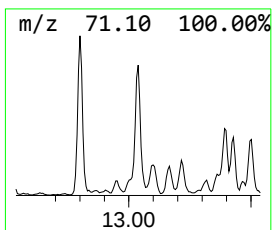
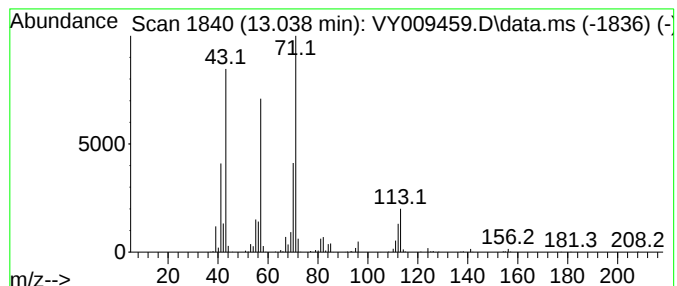
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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

Peak Number 3 Nonane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	14.36 ug/l	436304	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
2			Decane, 4-methyl-	156	C11H24	002847-72-5	68
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
5			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	47



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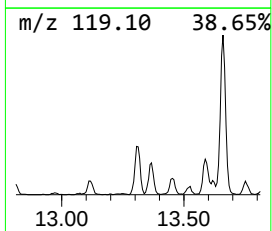
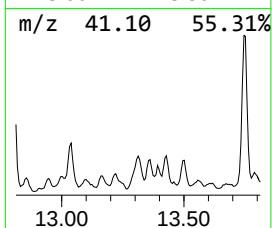
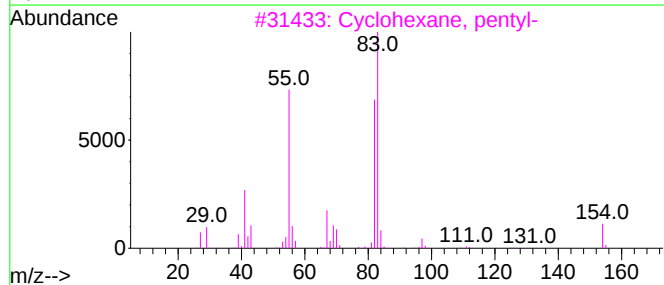
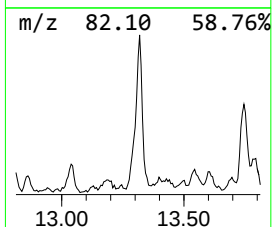
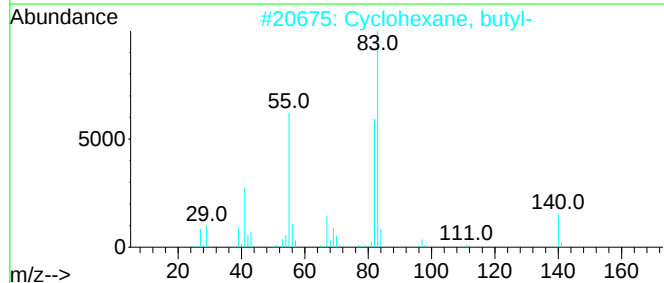
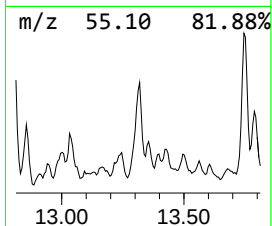
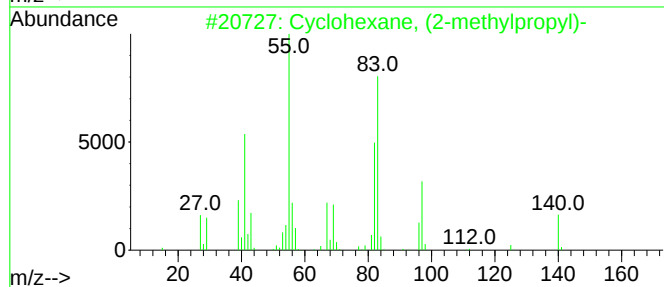
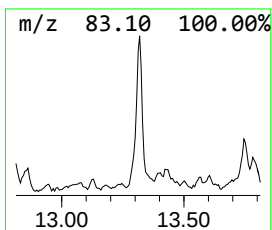
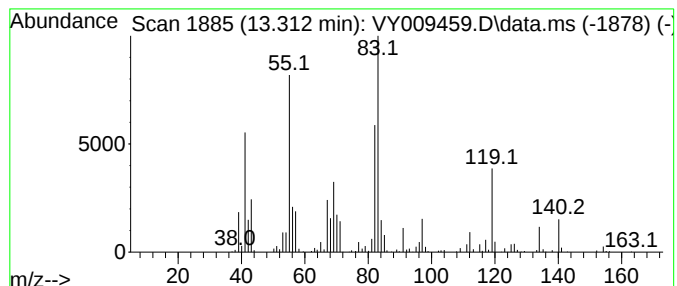
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, (2-methylpropyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	15.69 ug/l	476715	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	62
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	52
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
5			Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	47



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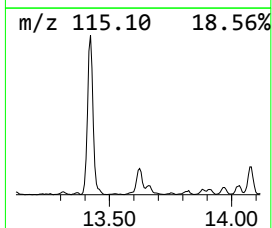
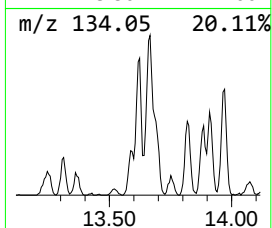
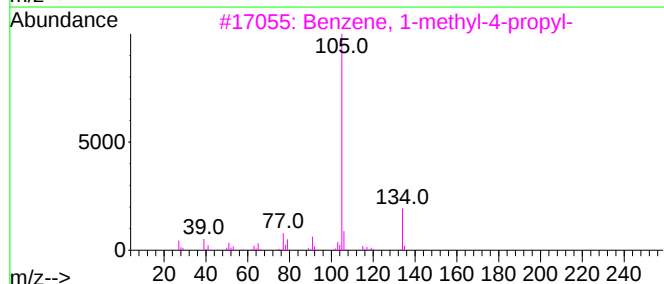
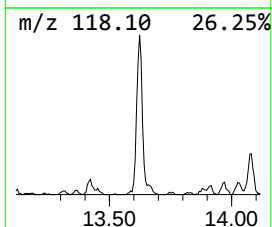
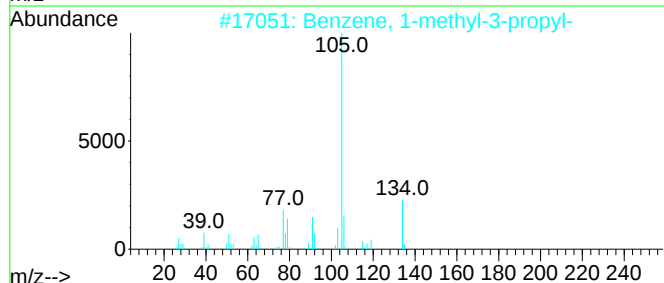
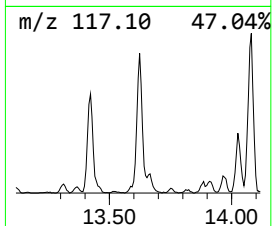
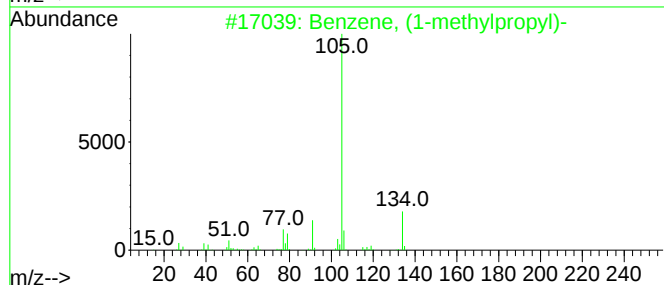
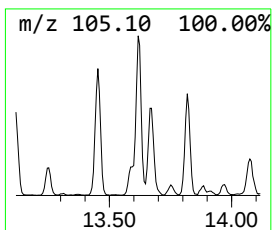
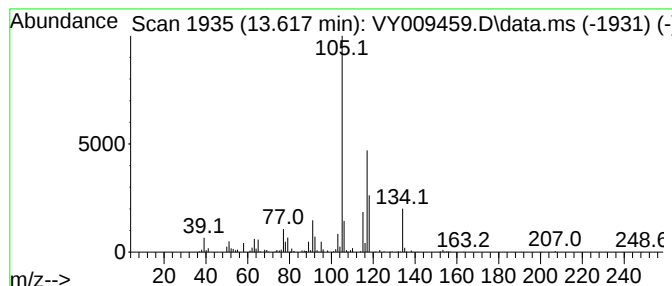
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Quant Title : SW846 8260

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

Peak Number 5 unknown13.617 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.617	8.38 ug/l	254417	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	41
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4			2-Indanol	134	C9H10O	004254-29-9	38
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009459.D
Acq On : 06 Jul 2022 17:15
Operator : KP/MD
Sample : N3605-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OE-2-070622

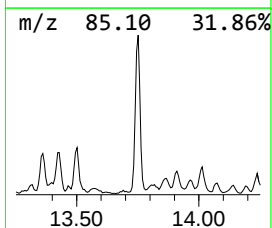
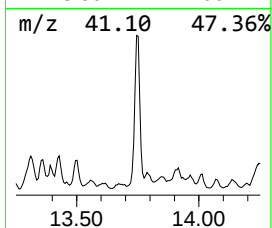
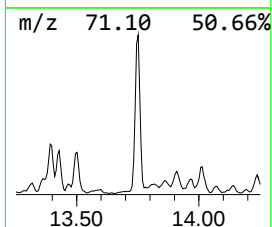
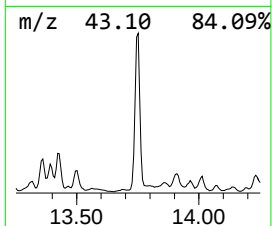
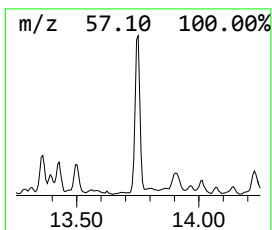
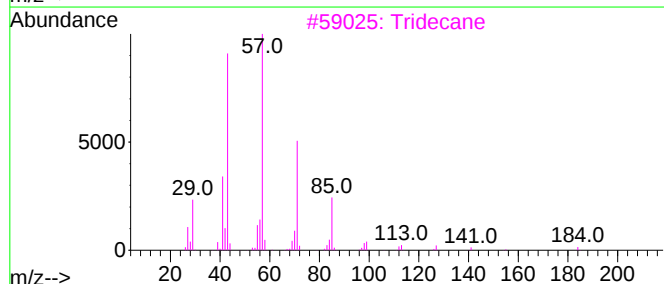
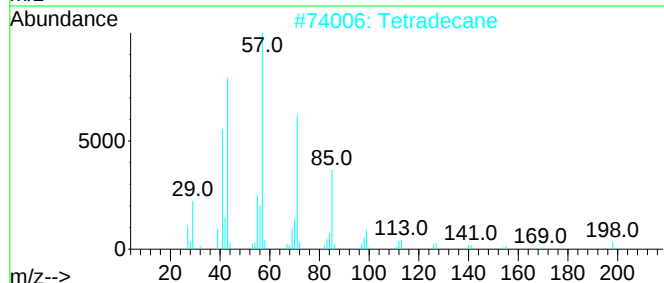
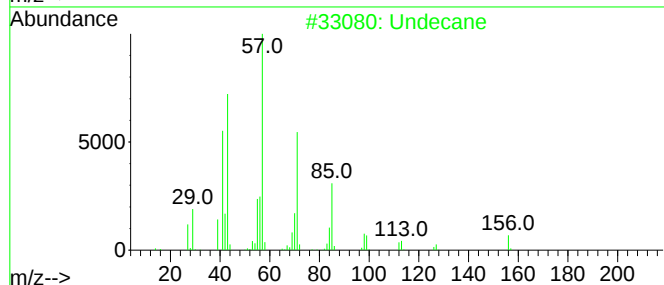
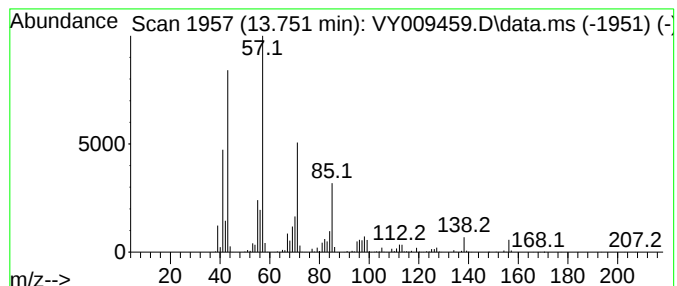
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Quant Title : SW846 8260

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

Peak Number 6 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	44.64 ug/l	1355840	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	96
2			Tetradecane	198	C14H30	000629-59-4	86
3			Tridecane	184	C13H28	000629-50-5	78
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009459.D
Acq On : 06 Jul 2022 17:15
Operator : KP/MD
Sample : N3605-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OE-2-070622

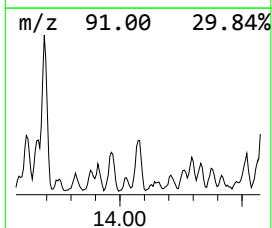
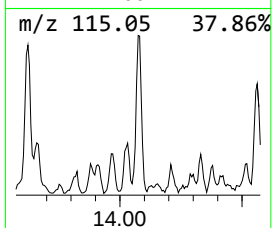
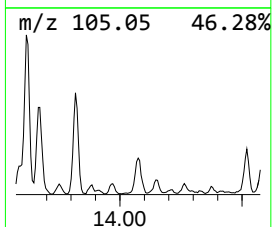
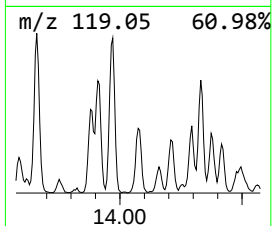
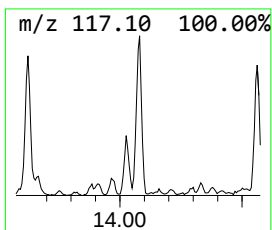
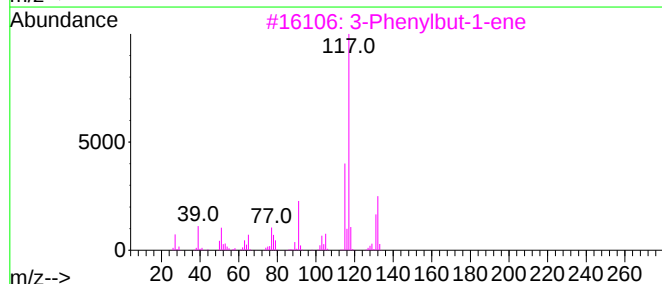
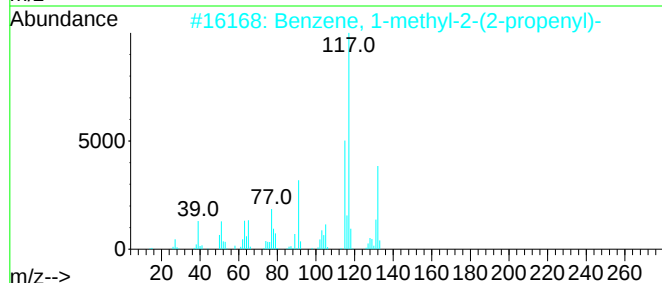
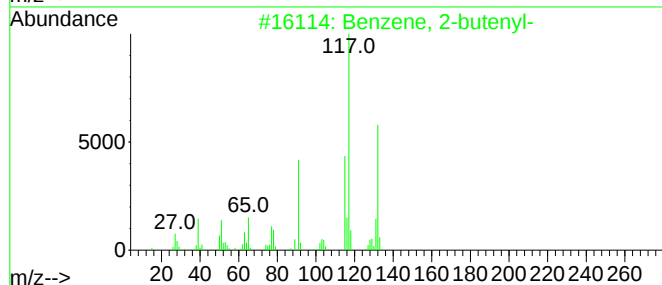
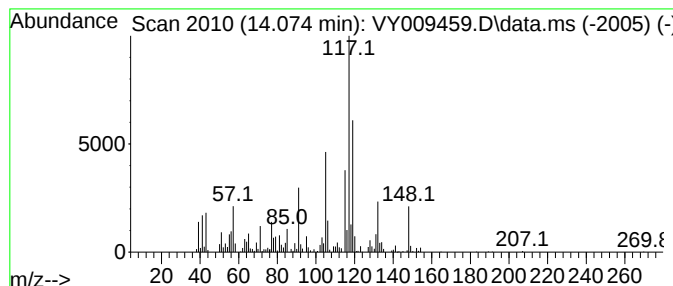
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-butenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.075	8.91 ug/l	270702	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	60
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009459.D
Acq On : 06 Jul 2022 17:15
Operator : KP/MD
Sample : N3605-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OE-2-070622

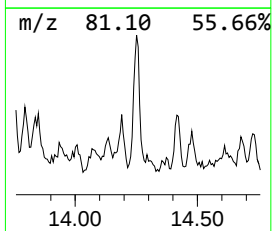
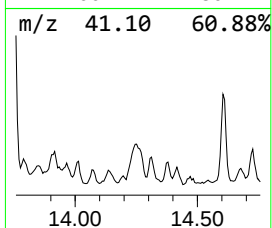
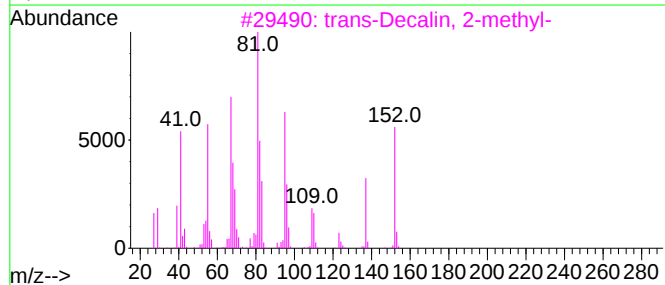
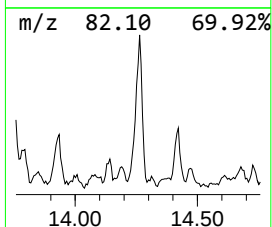
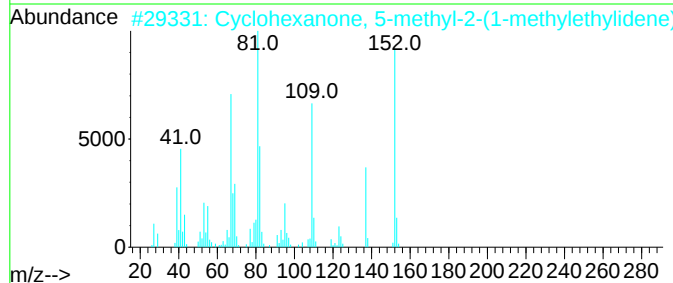
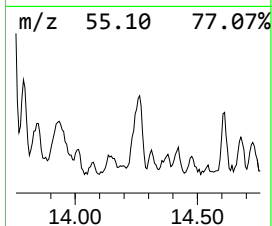
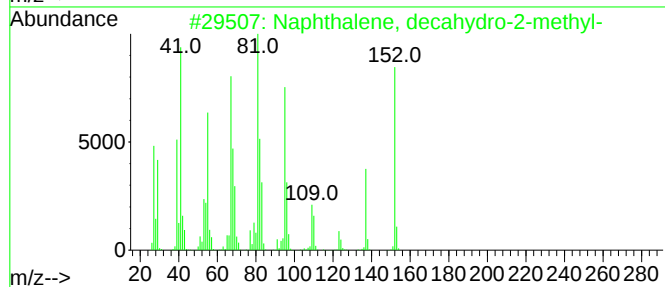
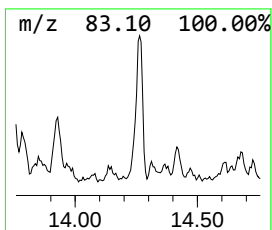
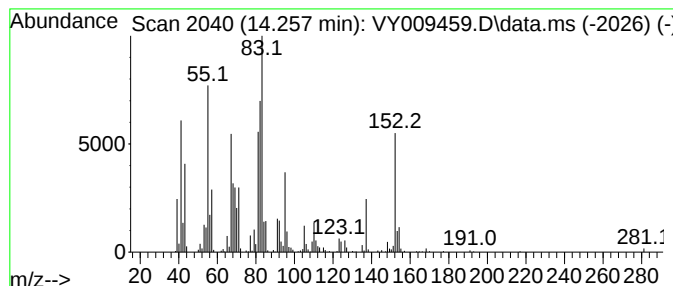
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	22.13 ug/l	672184	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	50
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	49
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
5			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009459.D
Acq On : 06 Jul 2022 17:15
Operator : KP/MD
Sample : N3605-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OE-2-070622

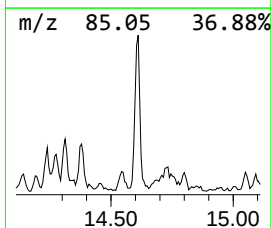
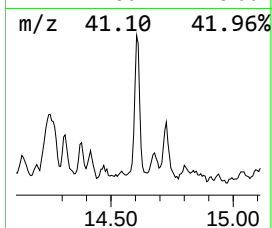
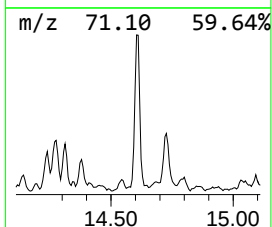
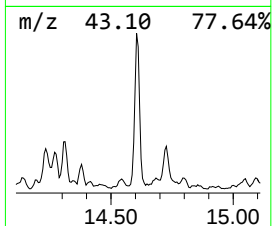
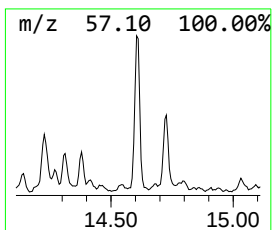
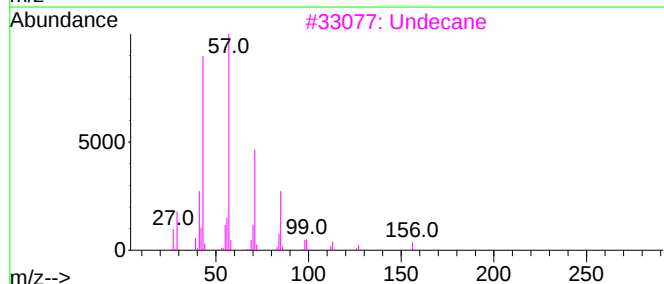
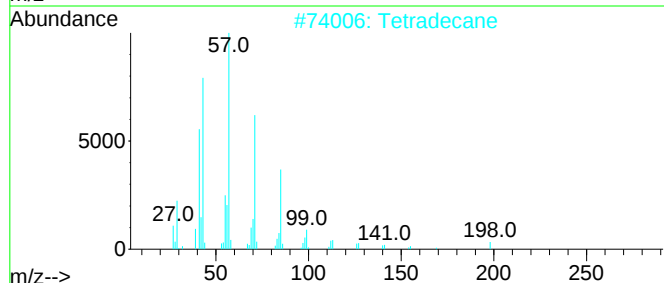
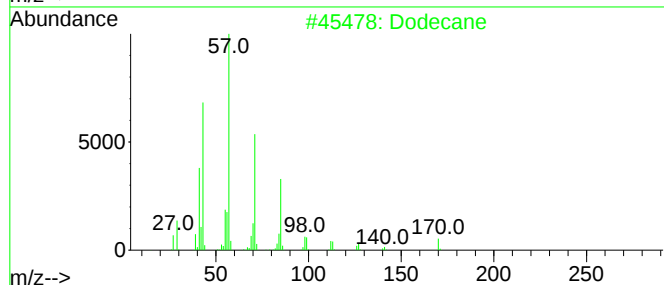
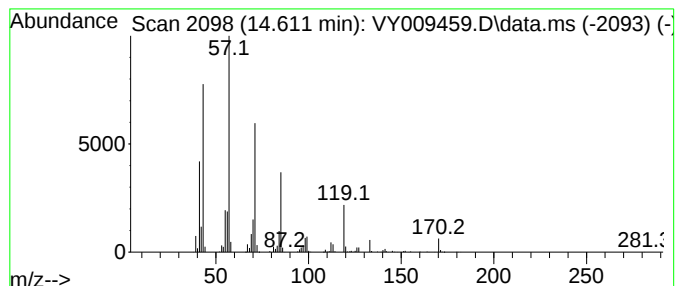
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Quant Title : SW846 8260

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

Peak Number 9 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	16.74 ug/l	508464	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Tetradecane	198	C14H30	000629-59-4	68
3			Undecane	156	C11H24	001120-21-4	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009459.D
Acq On : 06 Jul 2022 17:15
Operator : KP/MD
Sample : N3605-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OE-2-070622

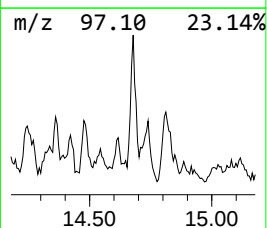
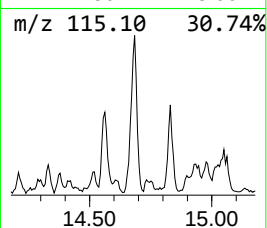
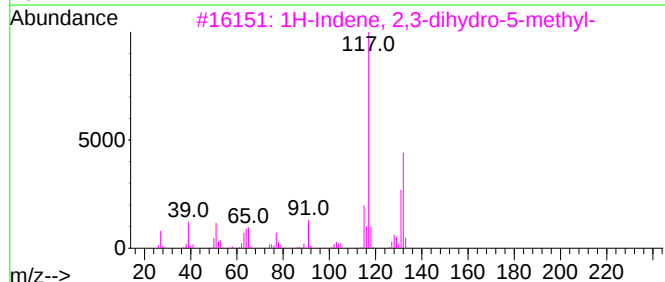
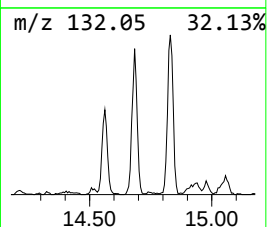
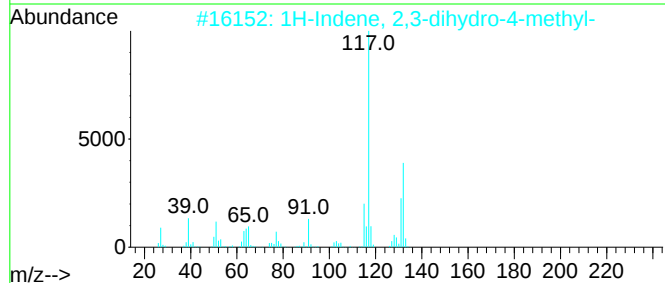
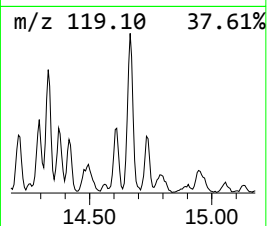
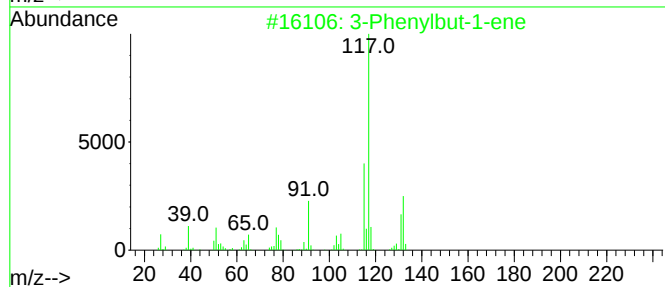
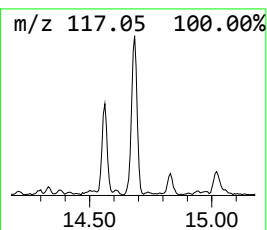
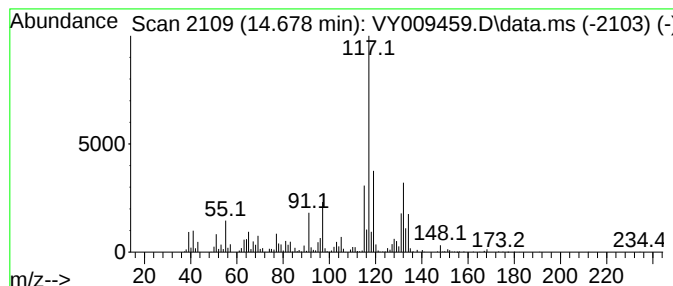
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Quant Title : SW846 8260

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

Peak Number 10 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	15.34 ug/l	465850	1,4-Dichlorobenzene-d4	13.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
4		Indan, 1-methyl-	132	C10H12	000767-58-8	62
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
Data File : VY009459.D
Acq On : 06 Jul 2022 17:15
Operator : KP/MD
Sample : N3605-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OE-2-070622

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.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
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Nonane, 2,6-dim...	13.038	14.4	ug/l	436304	4	13.422	1518770	50.0
Cyclohexane, (2...	13.312	15.7	ug/l	476715	4	13.422	1518770	50.0
unknown13.617	13.617	8.4	ug/l	254417	4	13.422	1518770	50.0
Undecane	13.751	44.6	ug/l	1355840	4	13.422	1518770	50.0
Benzene, 2-bute...	14.075	8.9	ug/l	270702	4	13.422	1518770	50.0
Naphthalene, de...	14.257	22.1	ug/l	672184	4	13.422	1518770	50.0
Dodecane	14.611	16.7	ug/l	508464	4	13.422	1518770	50.0
3-Phenylbut-1-ene	14.678	15.3	ug/l	465850	4	13.422	1518770	50.0