

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
Data File : VY023229.D
Acq On : 28 Aug 2025 16:15
Operator : SY/MD
Sample : Q2964-01
Misc : 7.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBBX4R

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\82Y081225S.M

Title : SW846 8260

Signal : TIC: VY023229.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	960	970	976	rBV	477125	1142278	4.57%	2.066%
2	7.707	976	982	994	rVB	670624	1527300	6.12%	2.762%
3	8.061	1031	1040	1055	rBV	416459	929327	3.72%	1.681%
4	8.616	1122	1131	1146	rBV	1182392	2309425	9.25%	4.177%
5	10.103	1367	1375	1383	rBV	1912023	3282635	13.15%	5.937%
6	11.207	1547	1556	1566	rVB2	611404	1344039	5.38%	2.431%
7	11.304	1566	1572	1583	rBV	668638	1087612	4.36%	1.967%
8	11.414	1583	1590	1599	rBV	1953784	3082833	12.35%	5.575%
9	11.518	1599	1607	1615	rBV	3574639	5353173	21.44%	9.681%
10	11.621	1615	1624	1635	rBV	14804483	24970700	100.00%	45.159%
11	11.950	1670	1678	1686	rBV	3452211	5305940	21.25%	9.596%
12	12.401	1746	1752	1764	rVB	1464160	2349149	9.41%	4.248%
13	13.346	1899	1907	1916	rVB	1659463	2610159	10.45%	4.720%

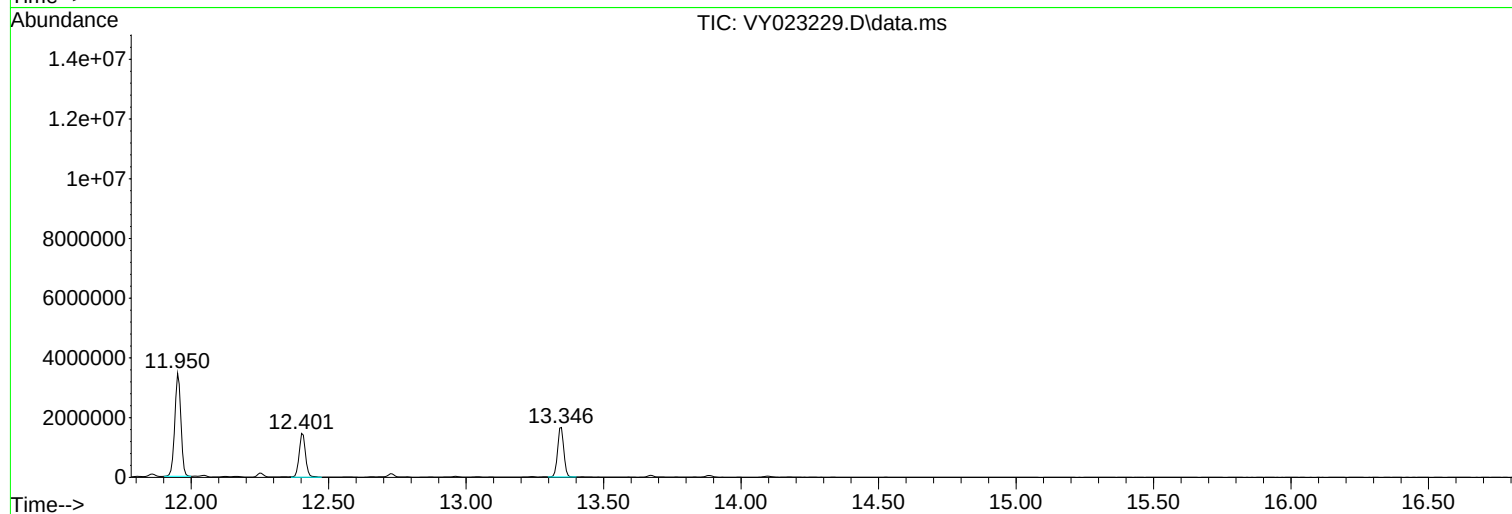
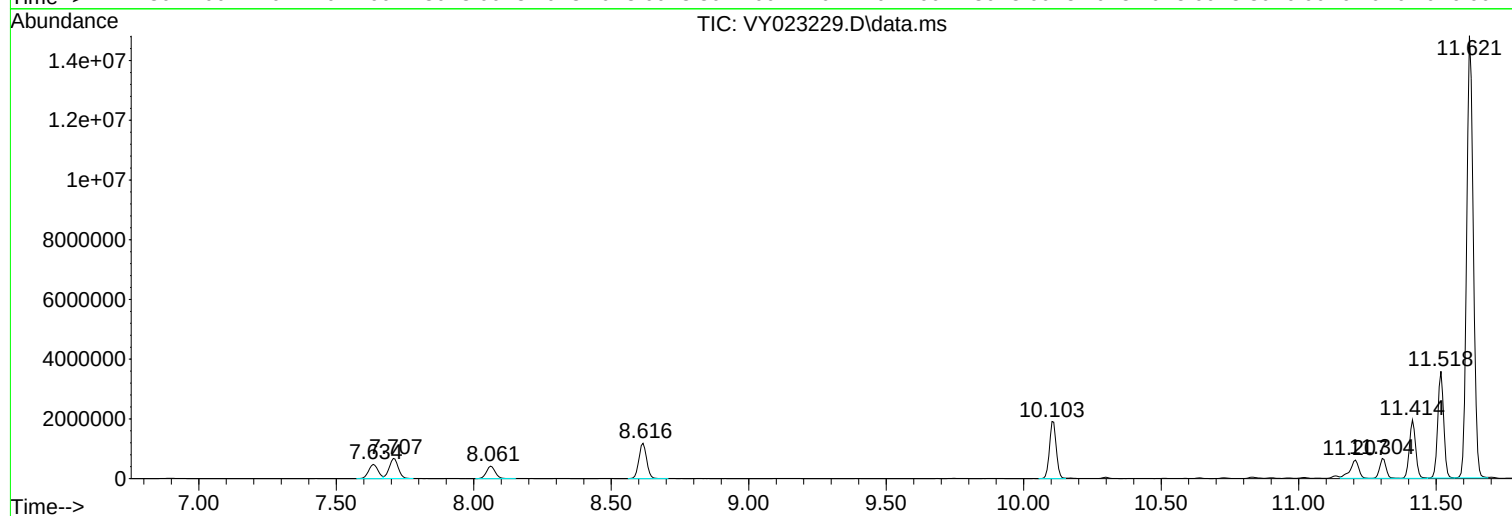
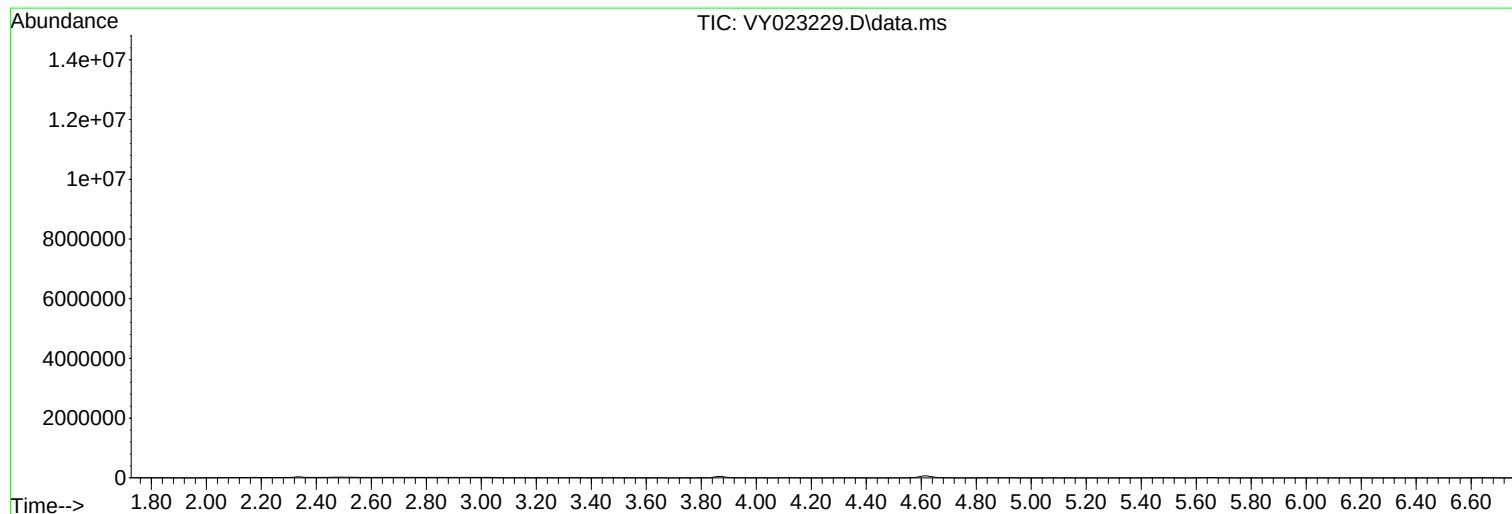
Sum of corrected areas: 55294570

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
Data File : VY023229.D
Acq On : 28 Aug 2025 16:15
Operator : SY/MD
Sample : Q2964-01
Misc : 7.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBBX4R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
Data File : VY023229.D
Acq On : 28 Aug 2025 16:15
Operator : SY/MD
Sample : Q2964-01
Misc : 7.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBBX4R

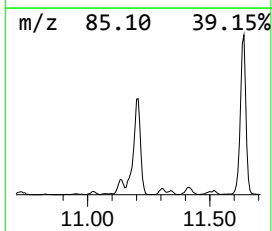
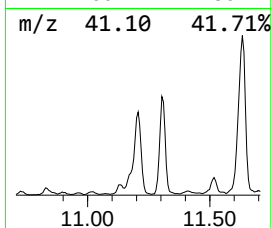
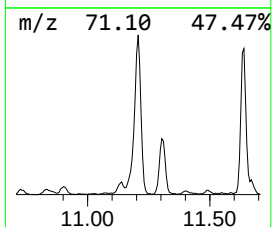
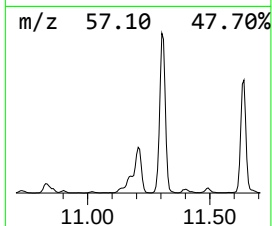
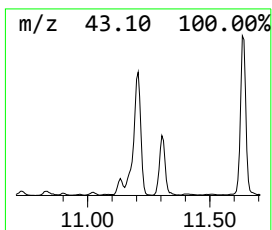
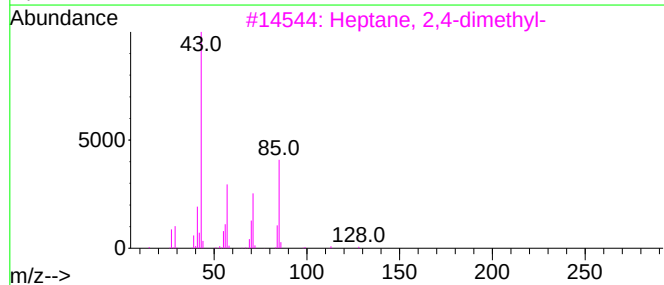
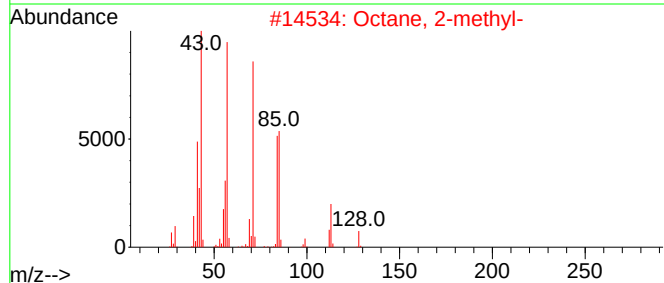
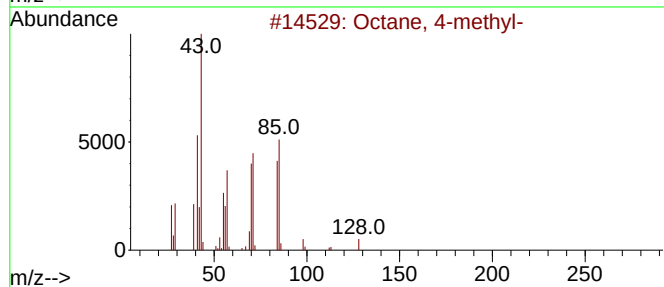
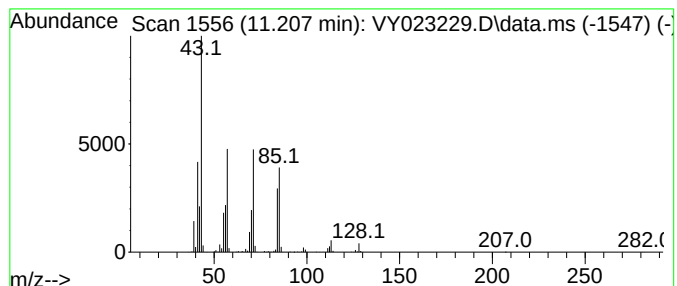
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.207	21.80 ug/l	1344040	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-methyl-	128	C9H20	002216-34-4	76
2			Octane, 2-methyl-	128	C9H20	003221-61-2	72
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5			Hexane, 3-ethyl-	114	C8H18	000619-99-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
Data File : VY023229.D
Acq On : 28 Aug 2025 16:15
Operator : SY/MD
Sample : Q2964-01
Misc : 7.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBBX4R

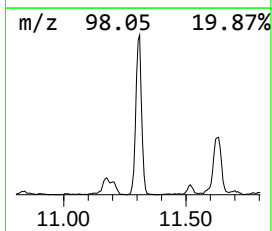
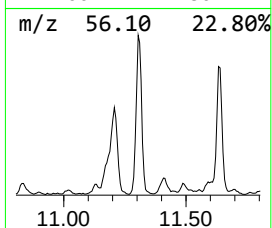
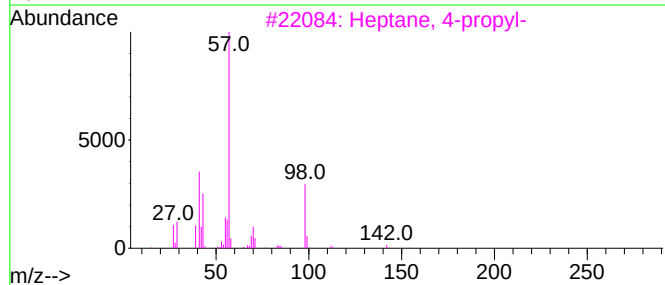
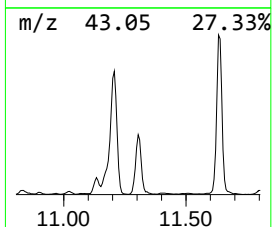
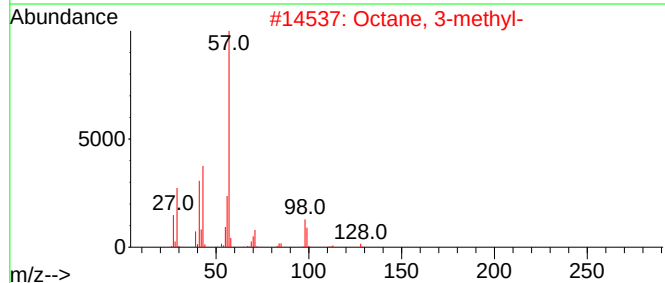
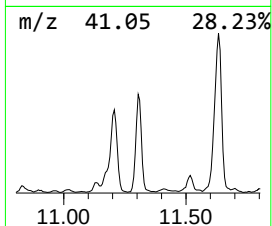
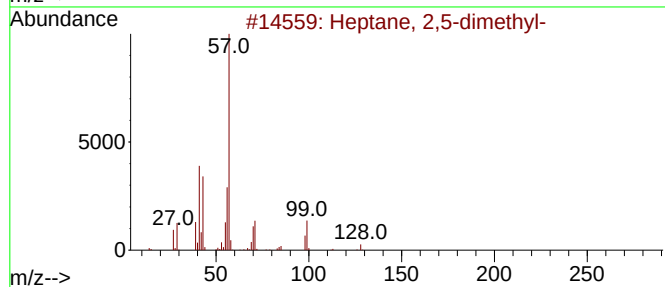
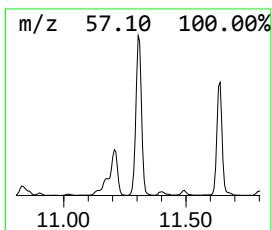
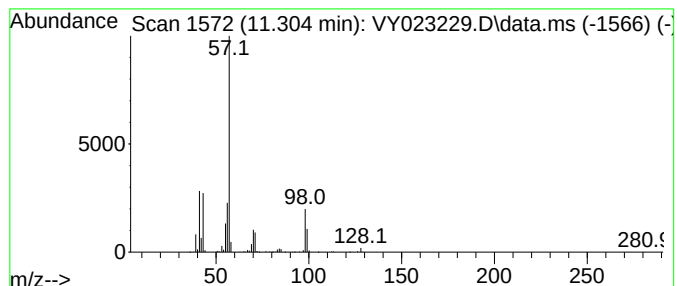
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

Peak Number 2 Heptane, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	17.64 ug/l	1087610	Chlorobenzene-d5	11.414

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2			Octane, 3-methyl-	128	C9H20	002216-33-3	80
3			Heptane, 4-propyl-	142	C10H22	003178-29-8	59
4			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
5			Heptane, 3-ethyl-	128	C9H20	015869-80-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
Data File : VY023229.D
Acq On : 28 Aug 2025 16:15
Operator : SY/MD
Sample : Q2964-01
Misc : 7.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBBX4R

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane, 4-methyl-	11.207	21.8	ug/l	1344040	3	11.414	3082830	50.0
Heptane, 2,5-di...	11.304	17.6	ug/l	1087610	3	11.414	3082830	50.0